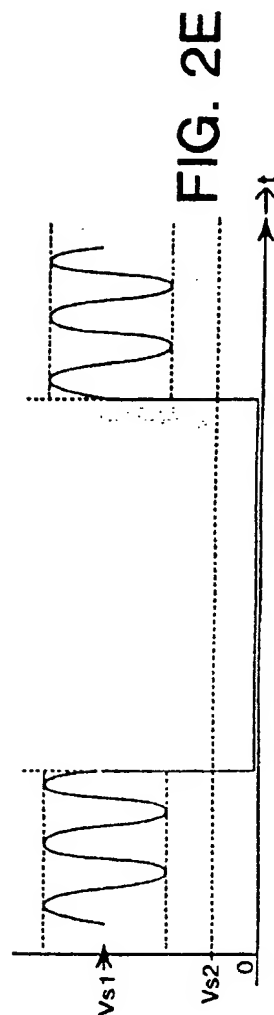
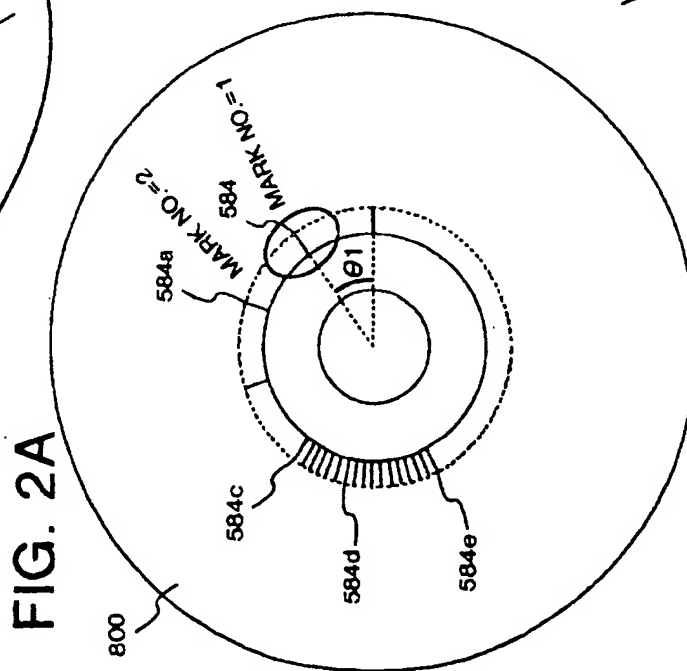
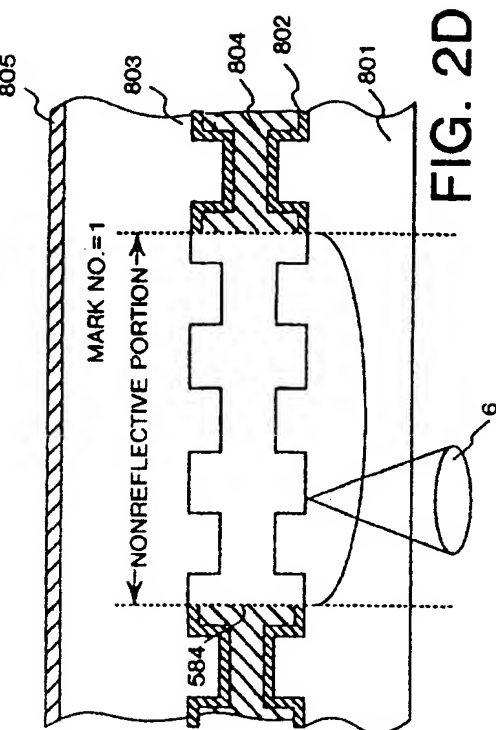
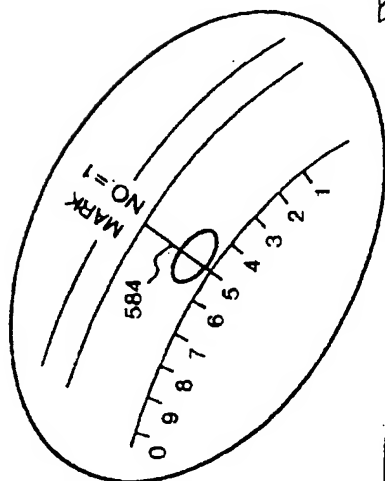
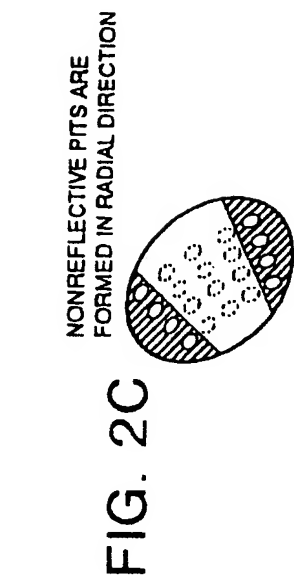


FIG. 1

FIG. 2E



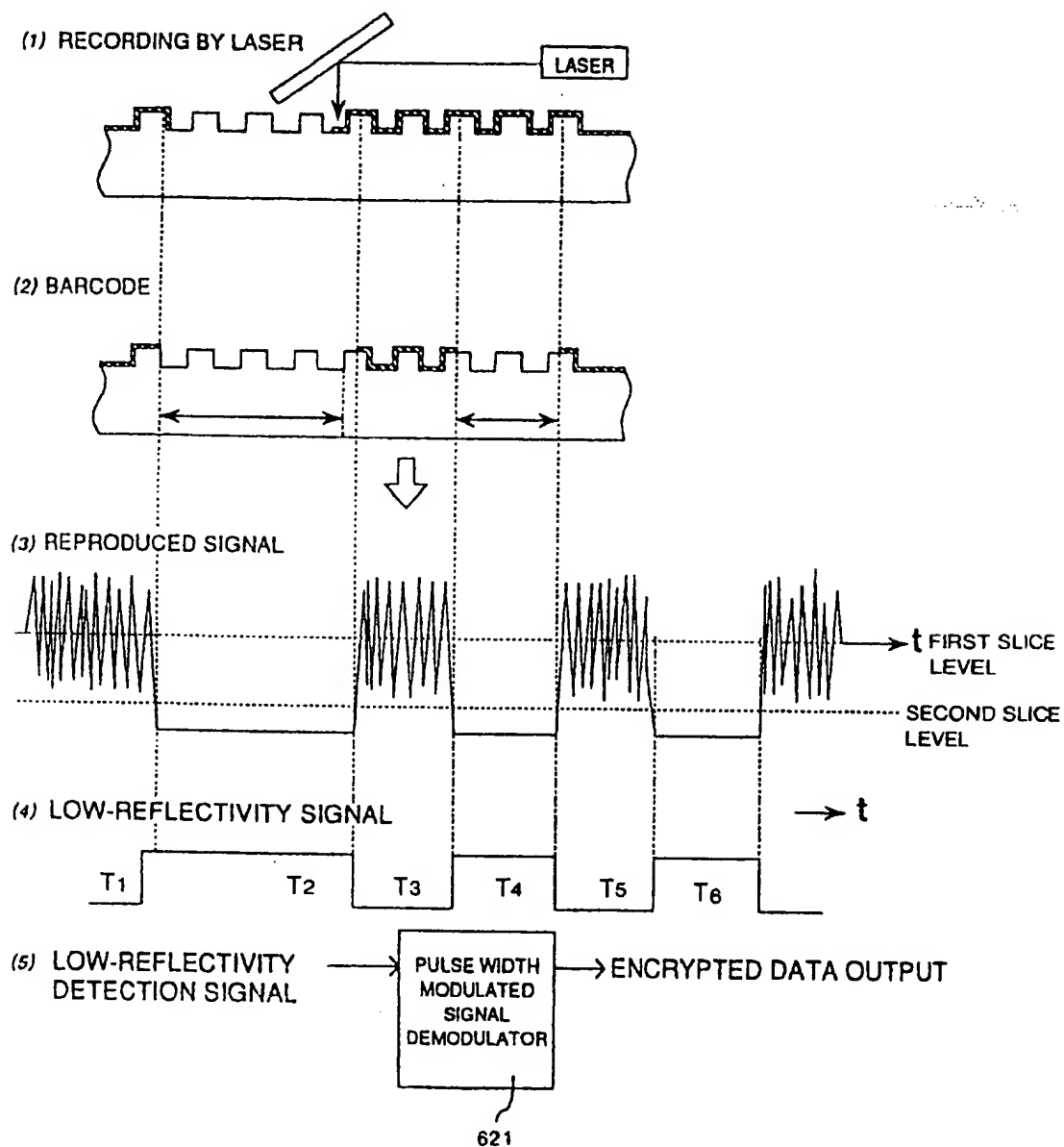


FIG. 3

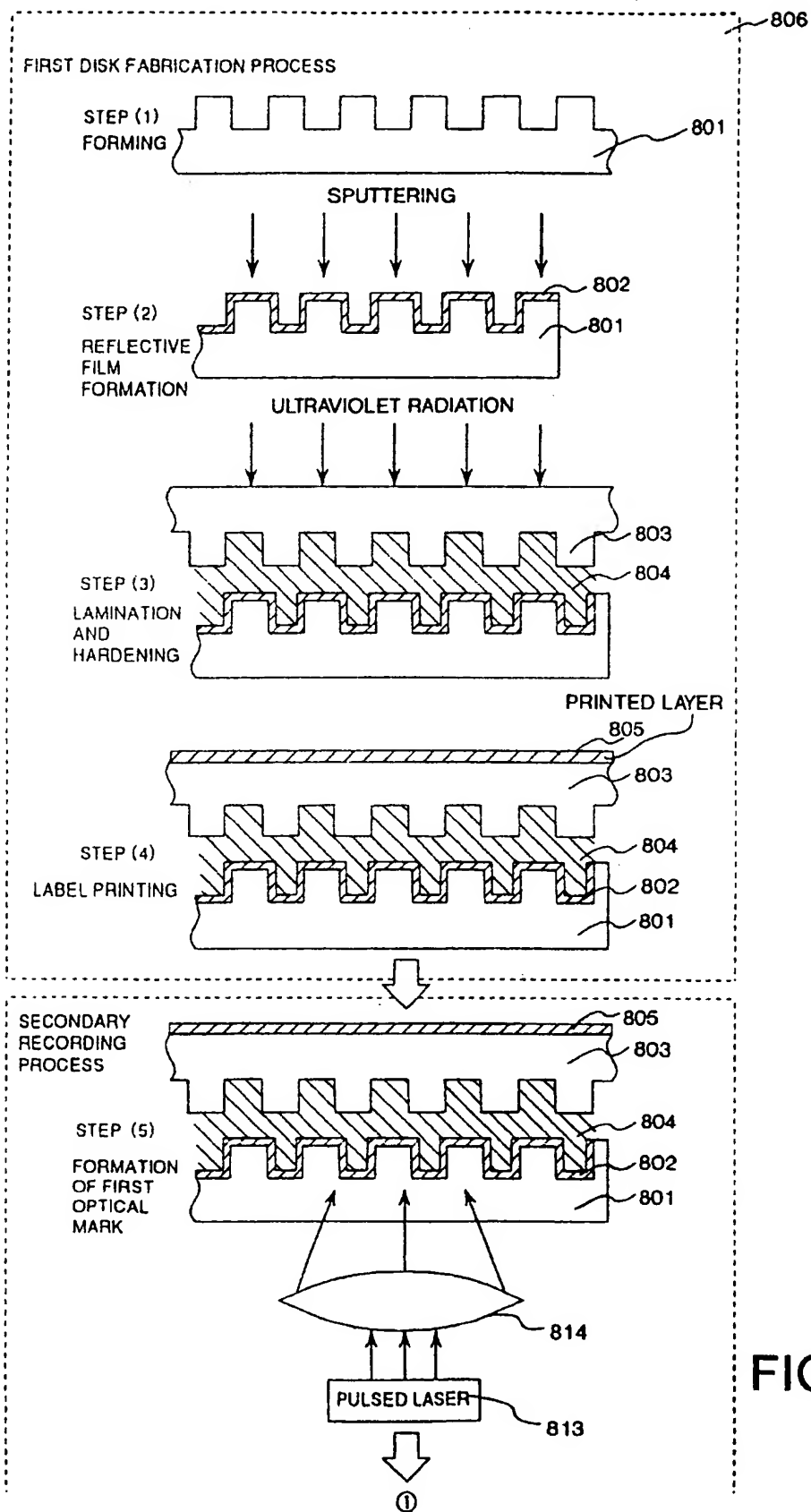


FIG. 4

FIG. 5

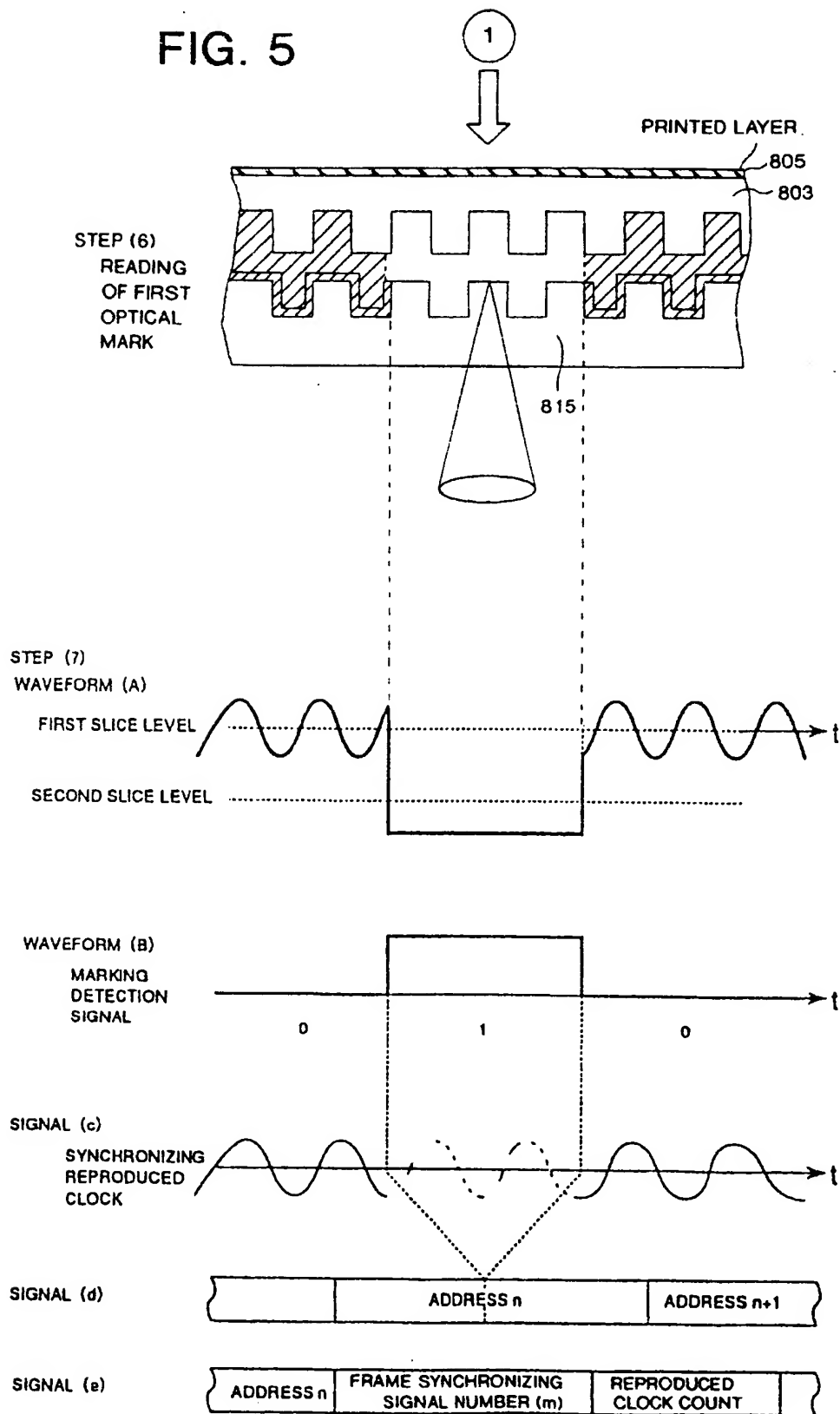


FIG. 5

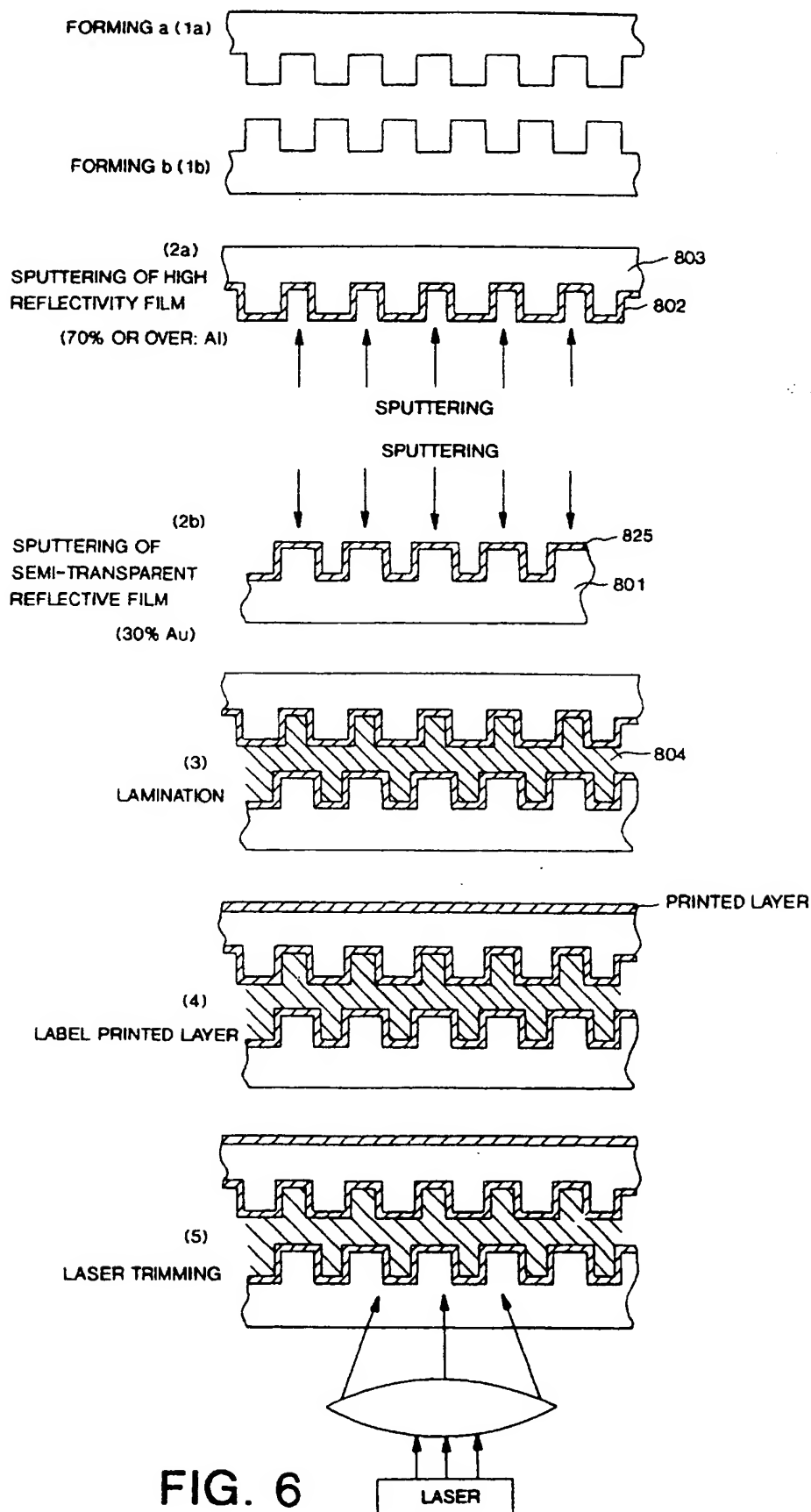


FIG. 6

FIG. 6

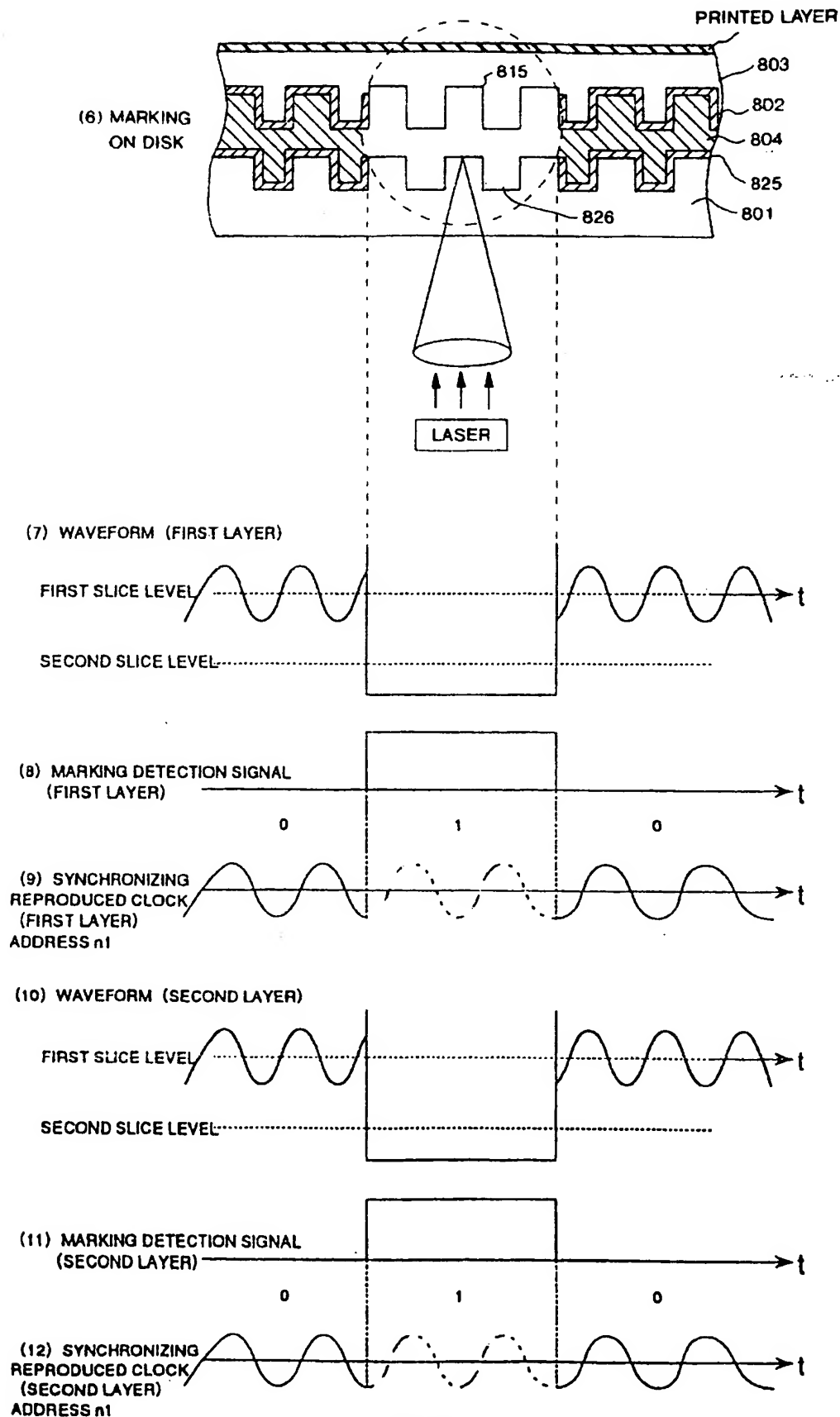


FIG. 7

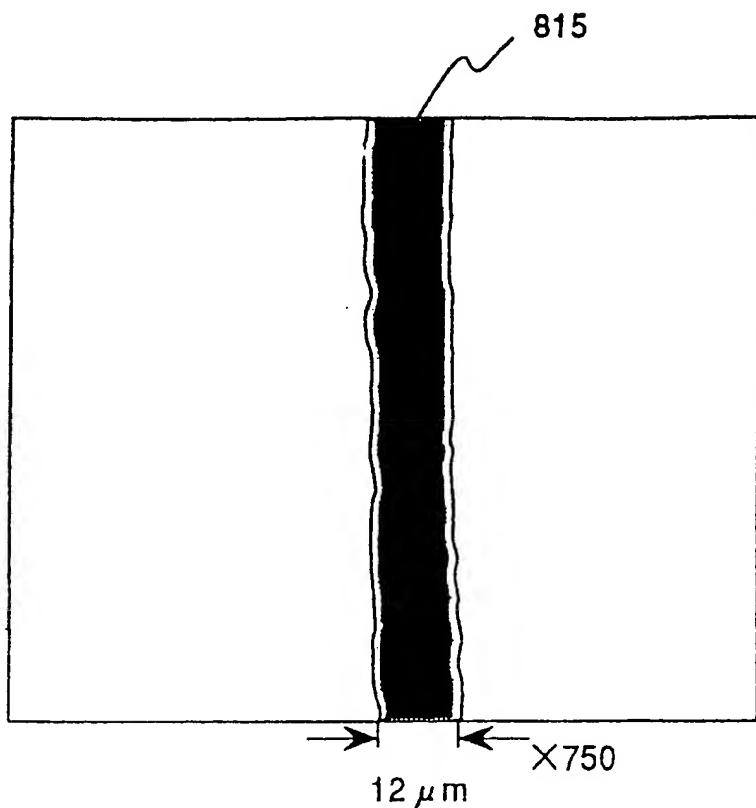


FIG. 8A

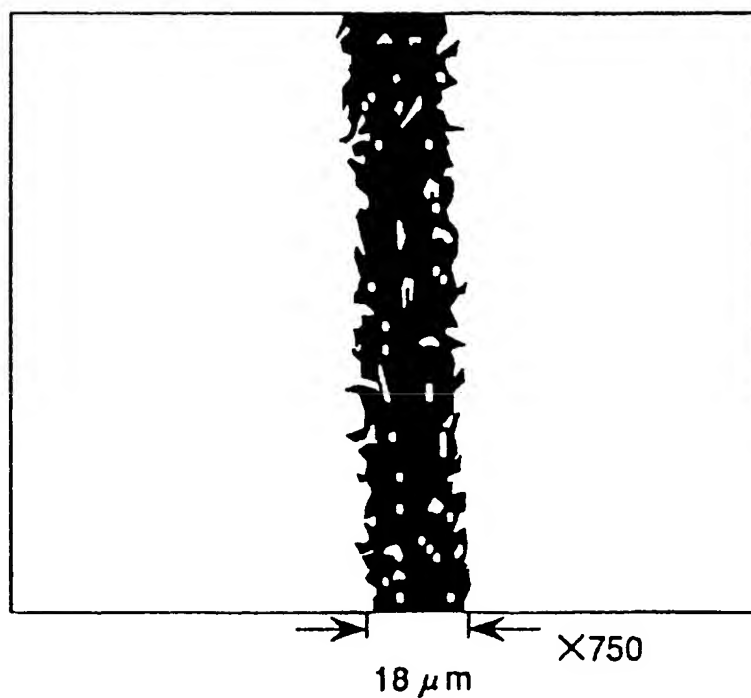


FIG. 8B

FIG. 8A

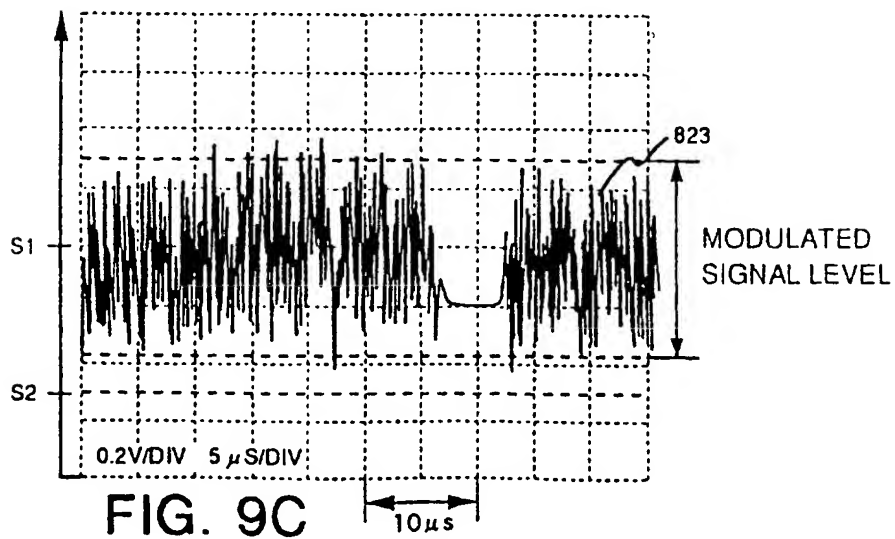
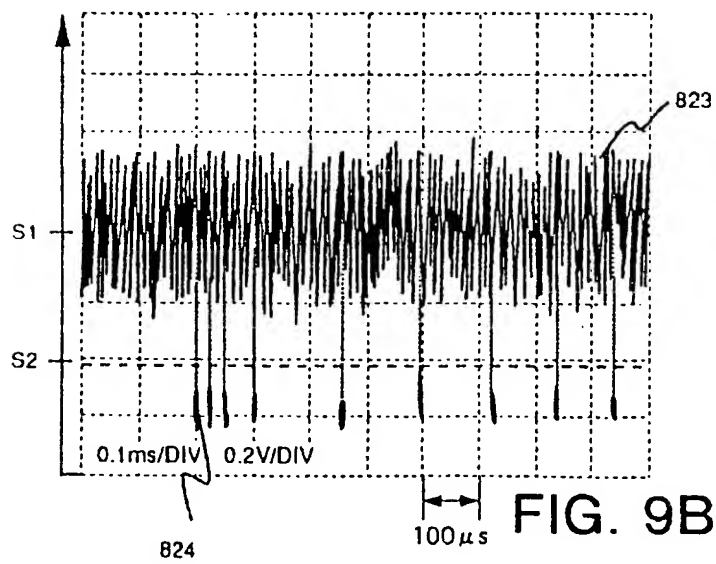
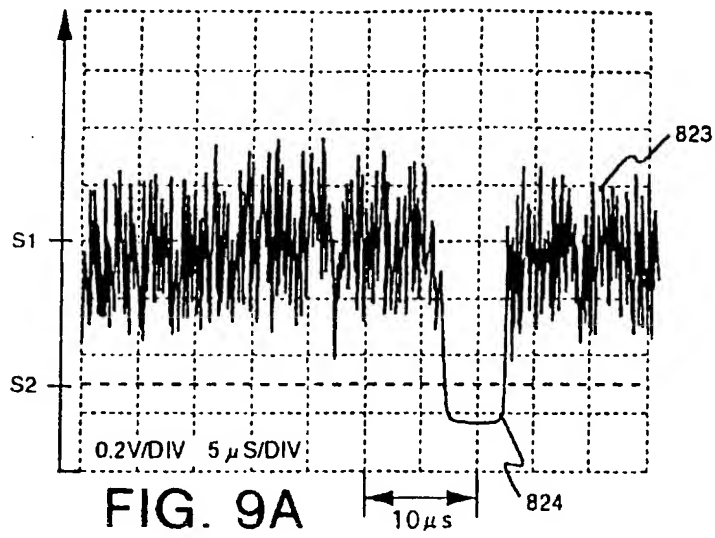


FIG. 9A

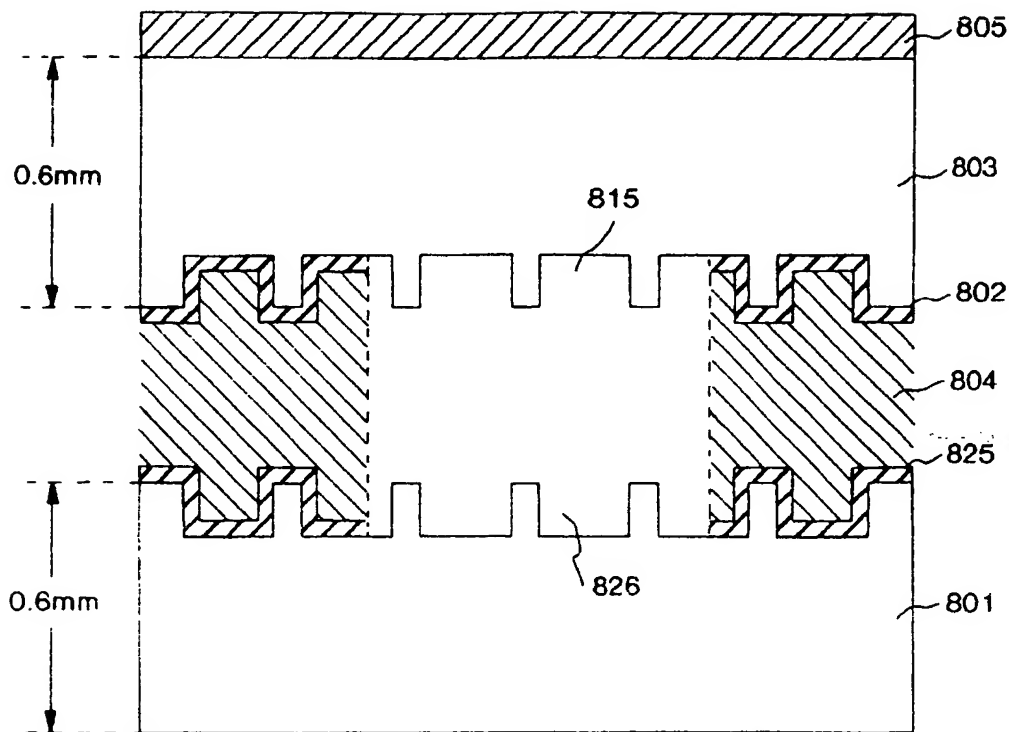


FIG. 10A

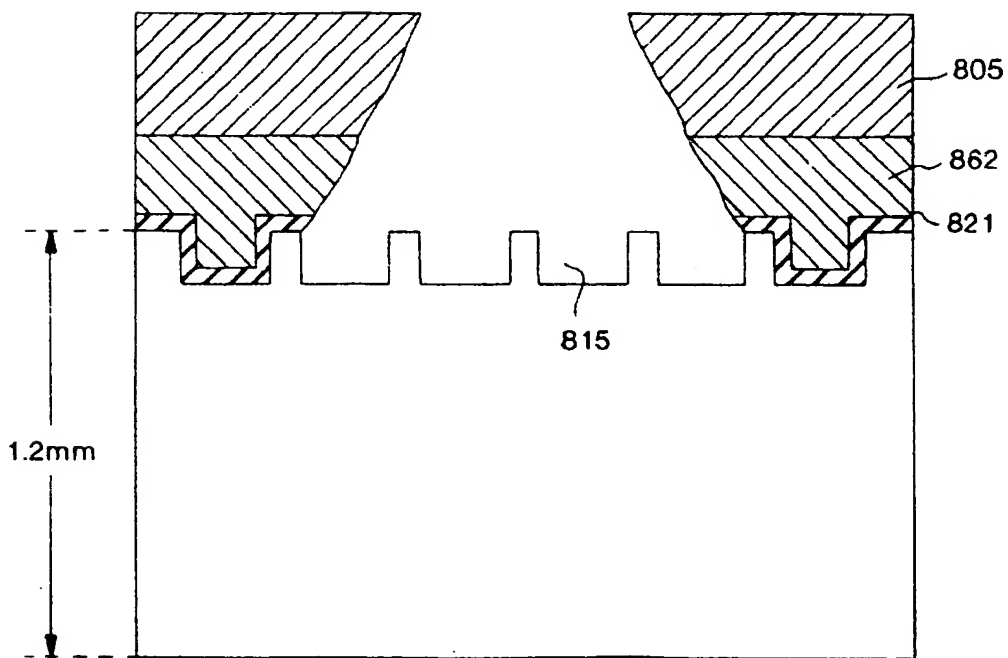


FIG. 10B

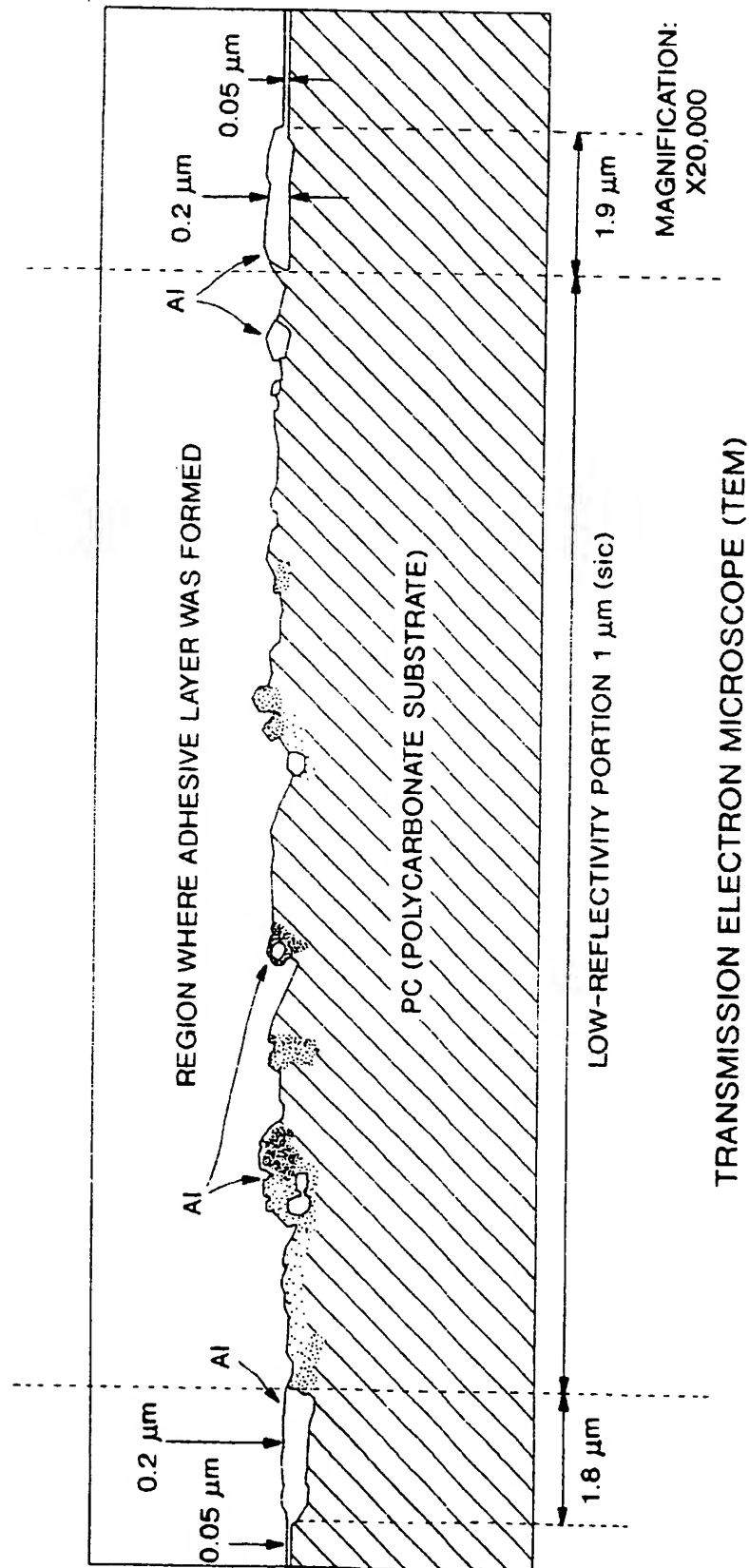


FIG. 11

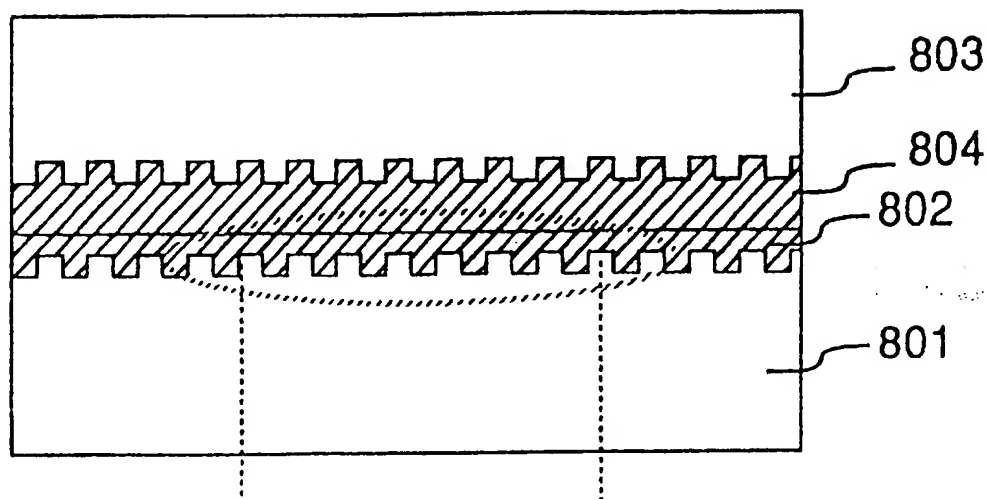


FIG. 12A

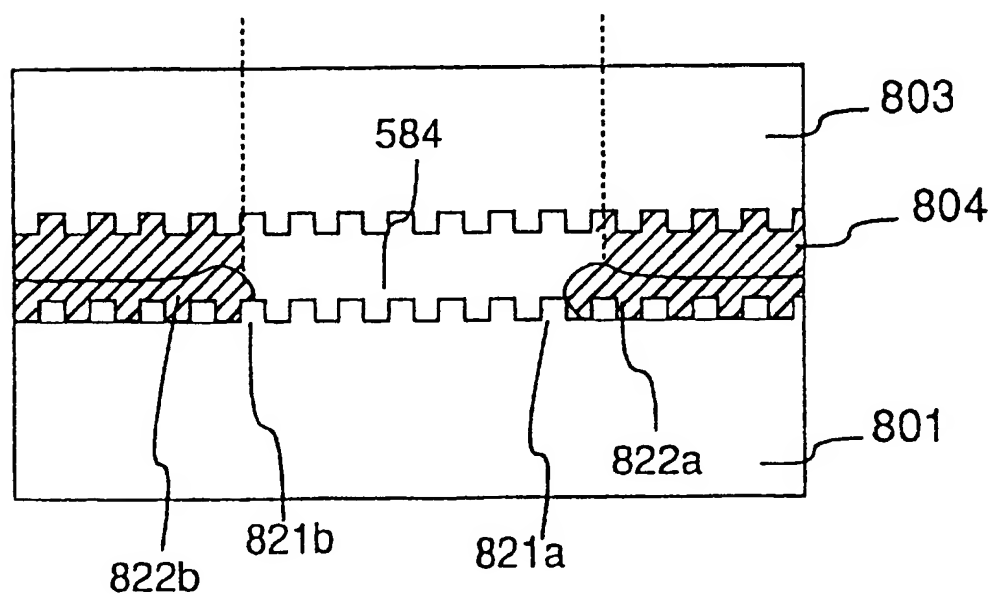


FIG. 12B

FIG. 12A

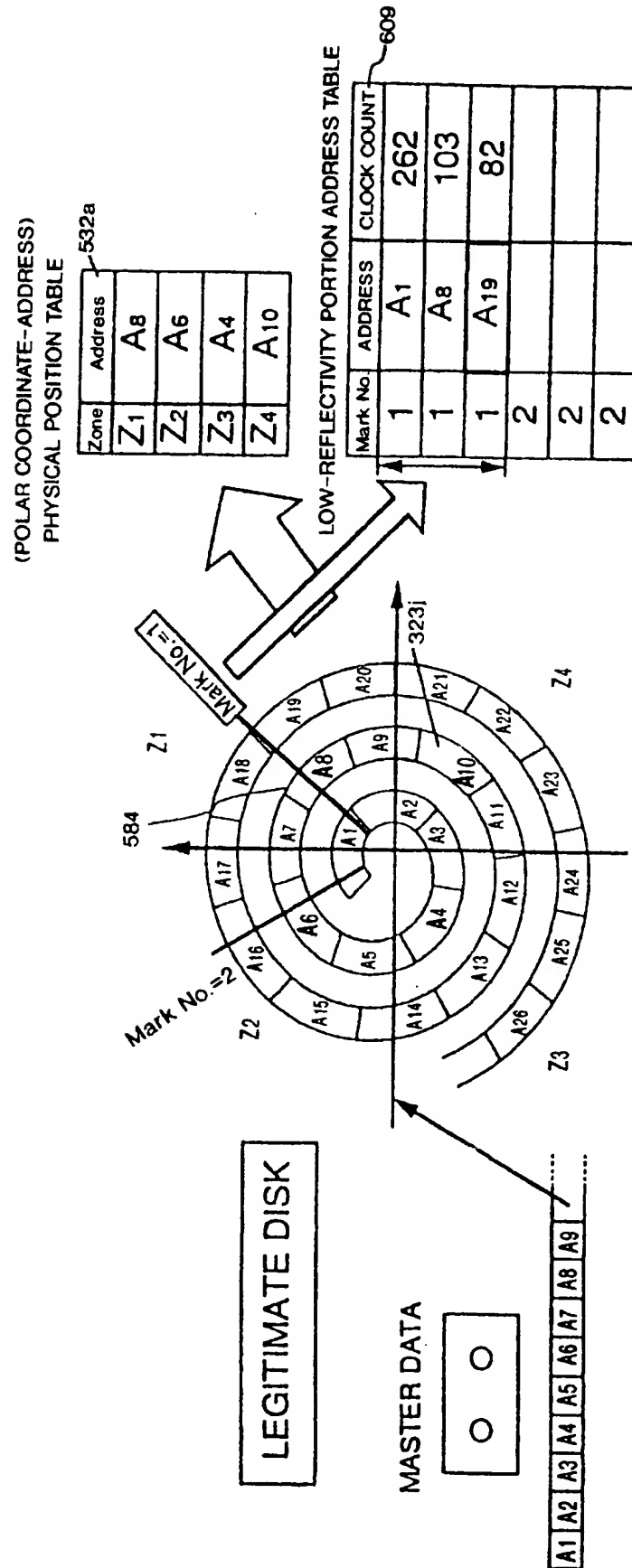
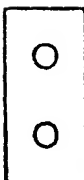


FIG. 13B

MASTER DATA



A1 A2 A3 A4 A5 A6 A7 A8 A9

ILLEGALLY DUPLICATED CD

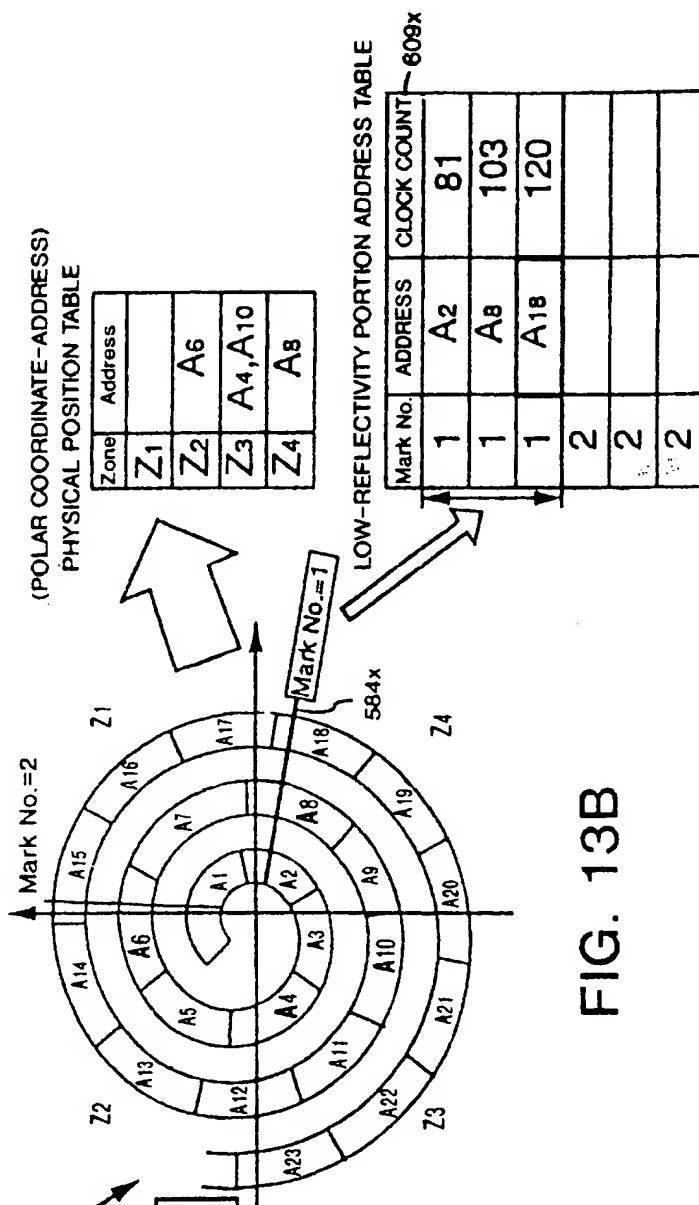


FIG. 13B

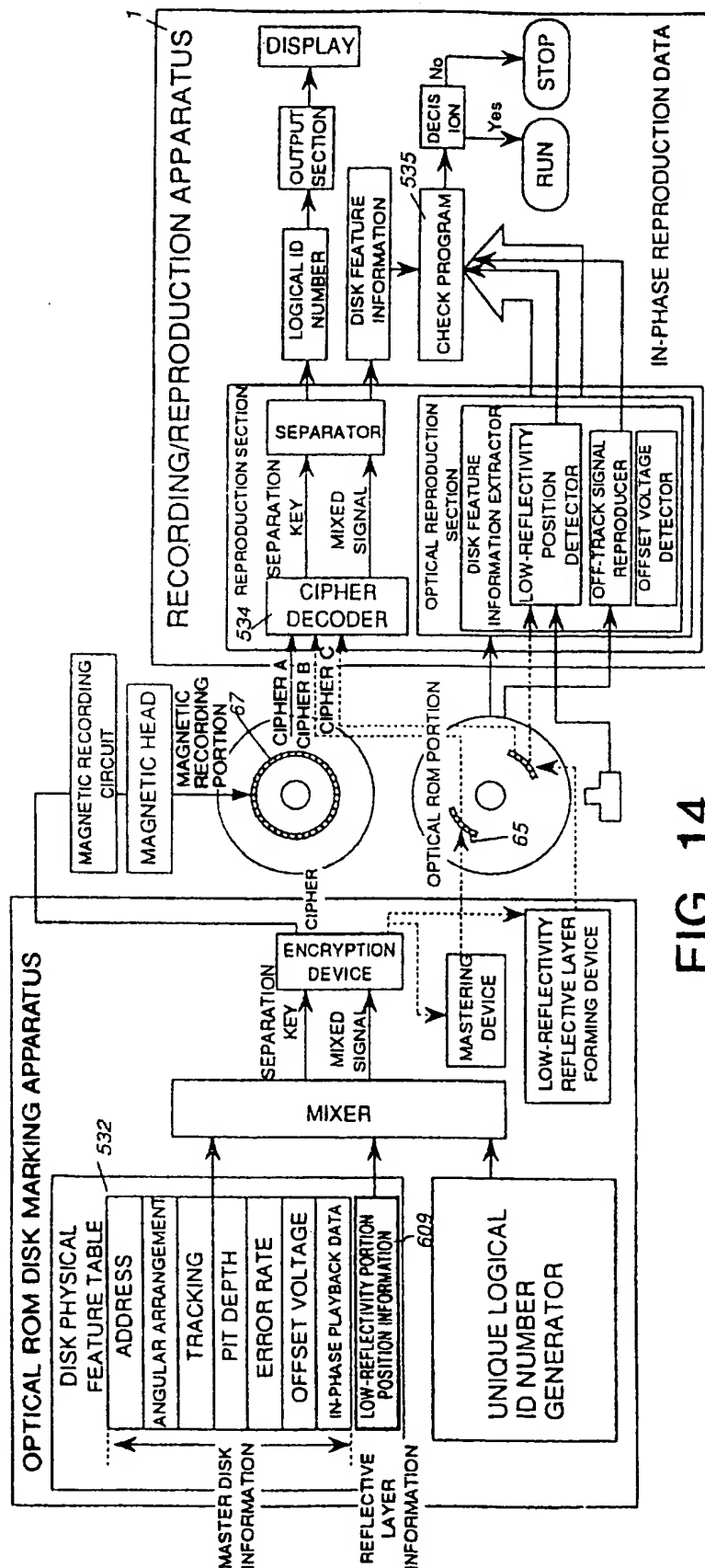
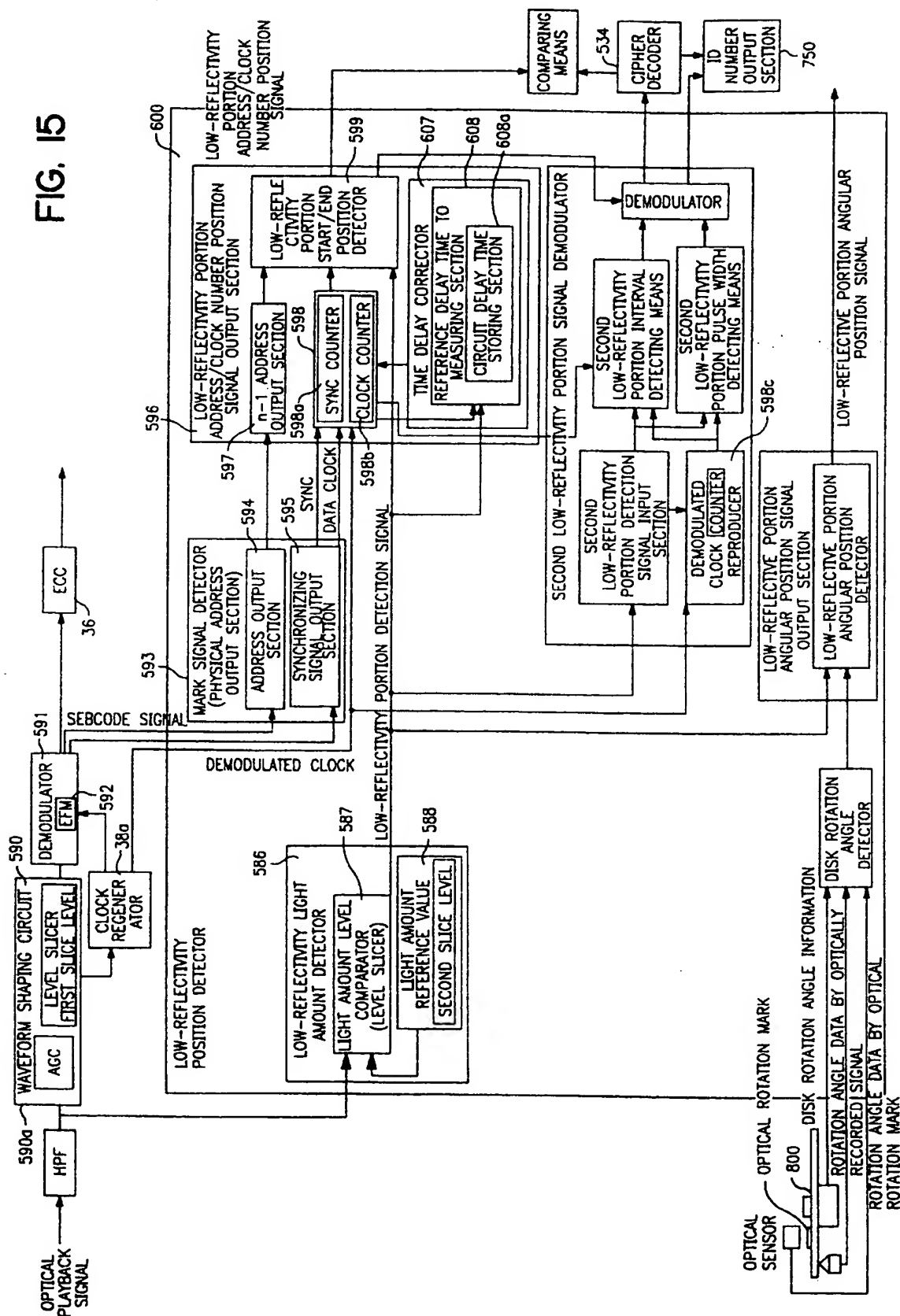


FIG. 14

FIG. 15



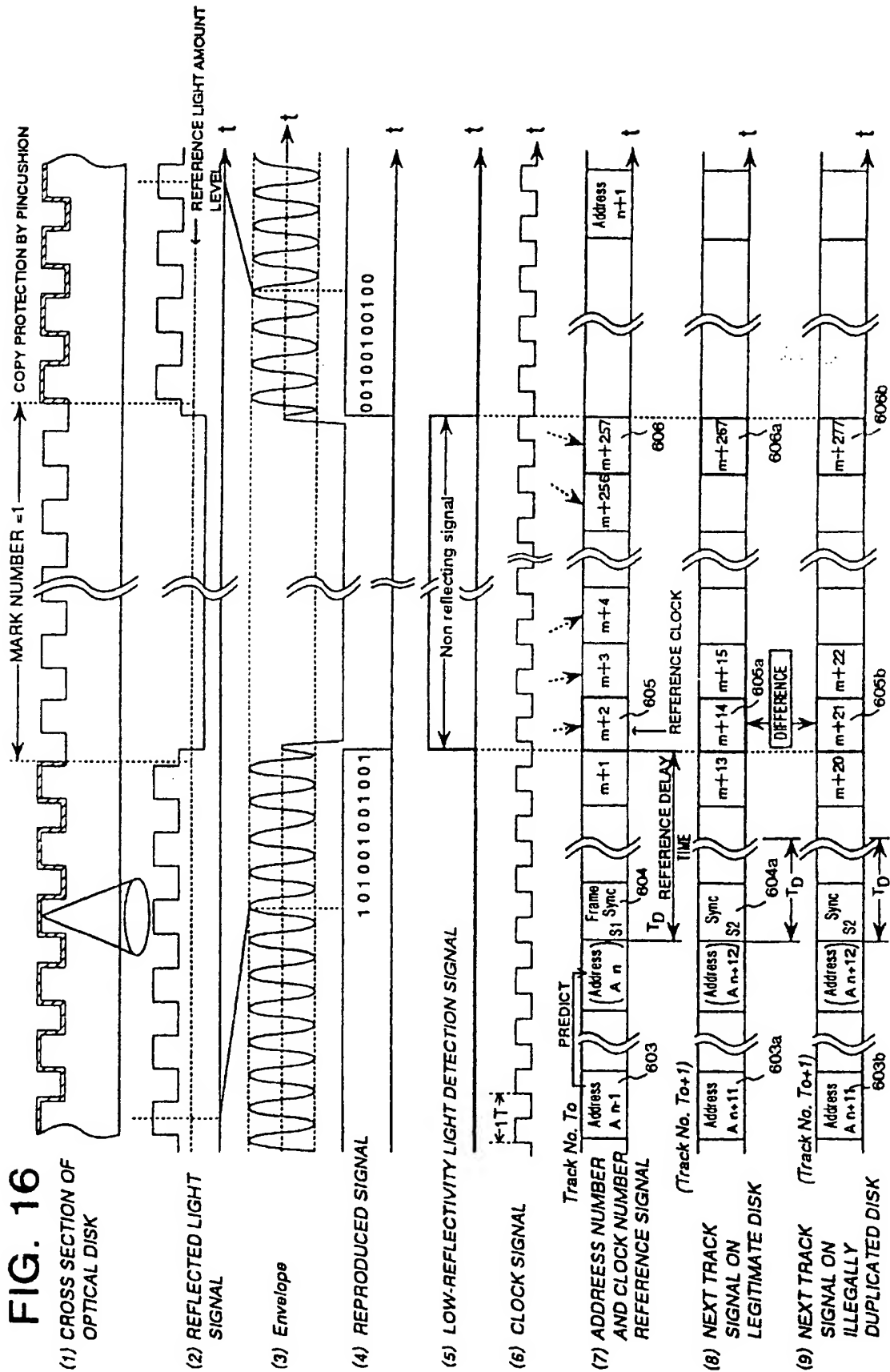


FIG. 17

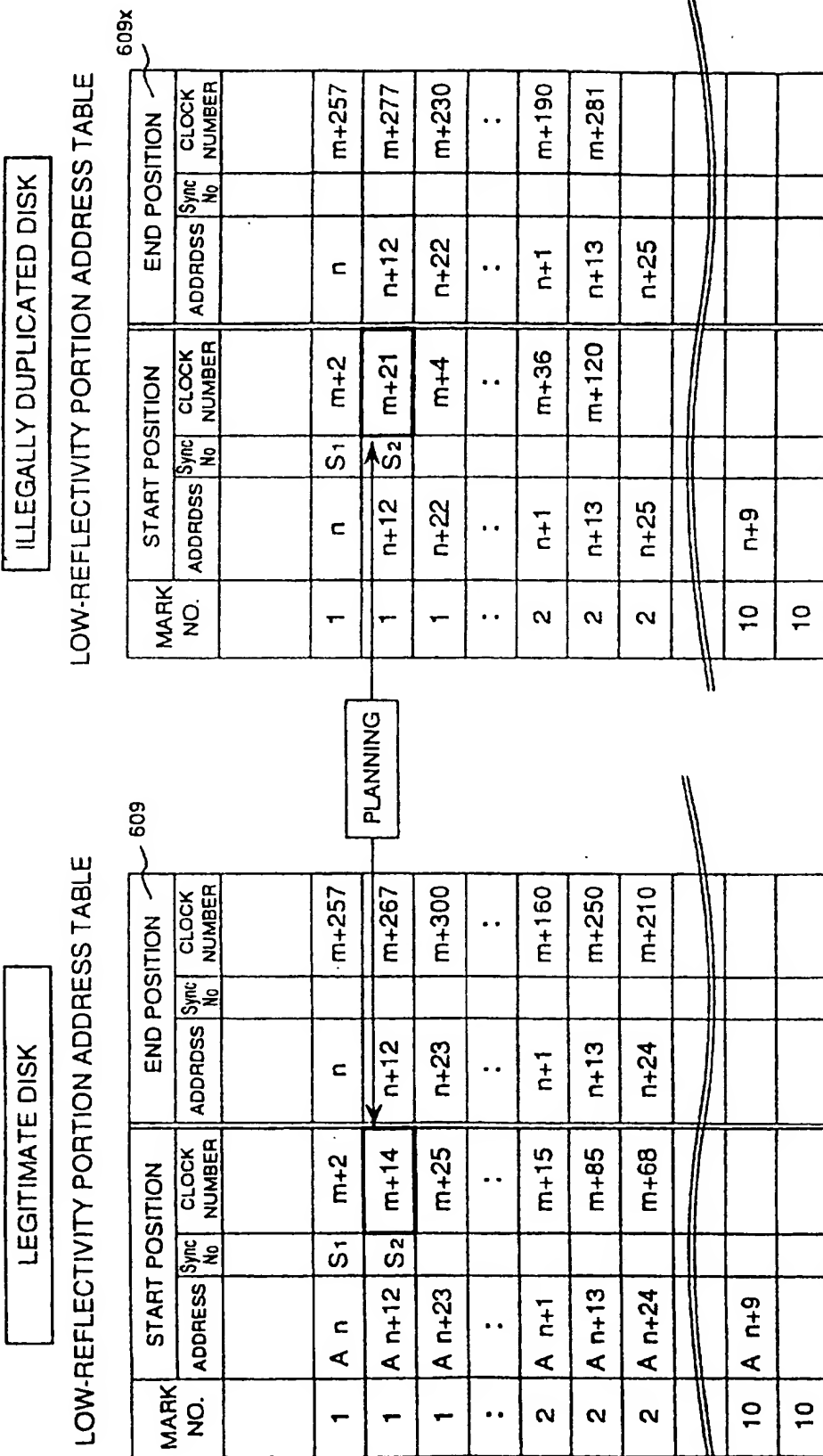


FIG. 17

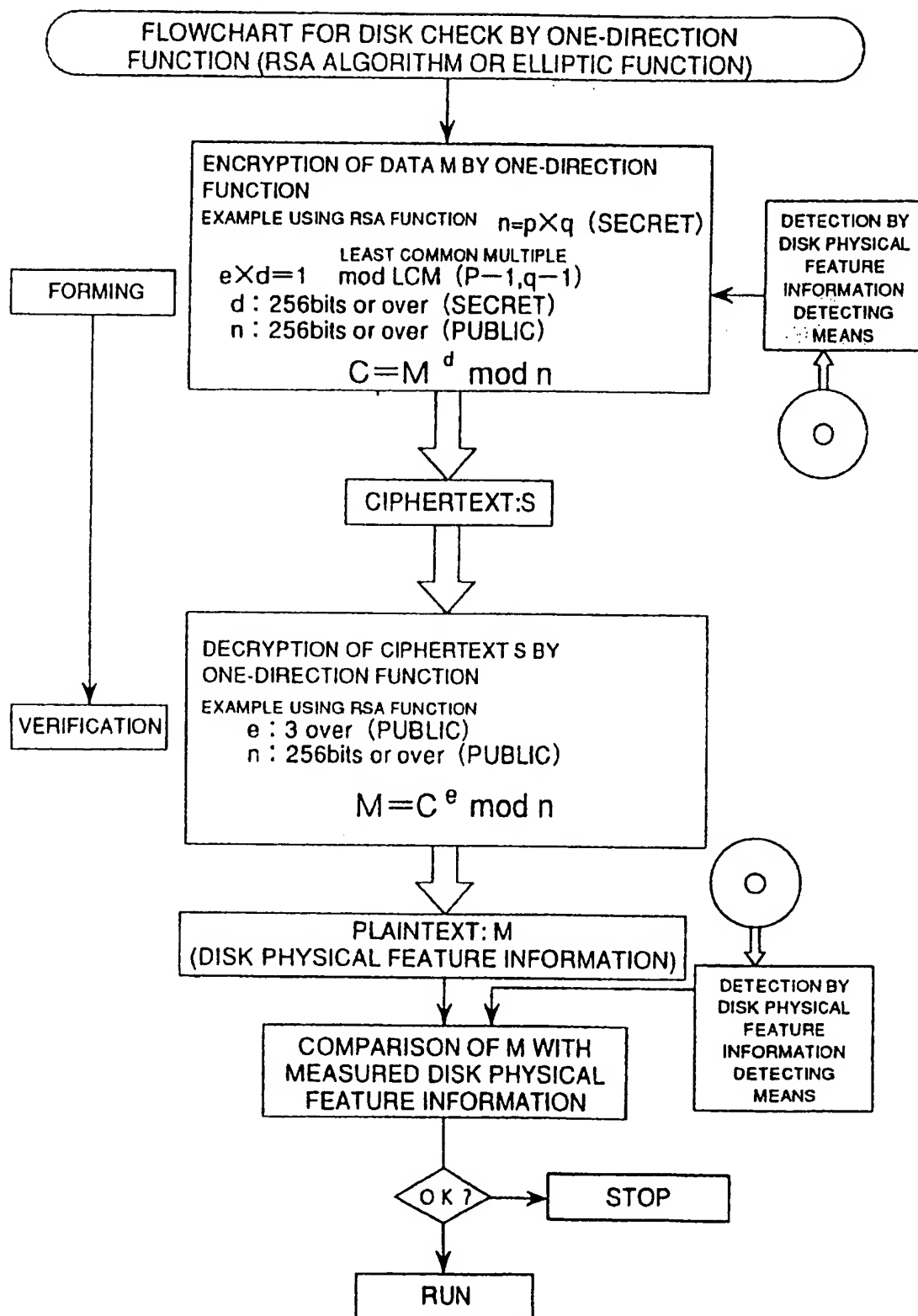
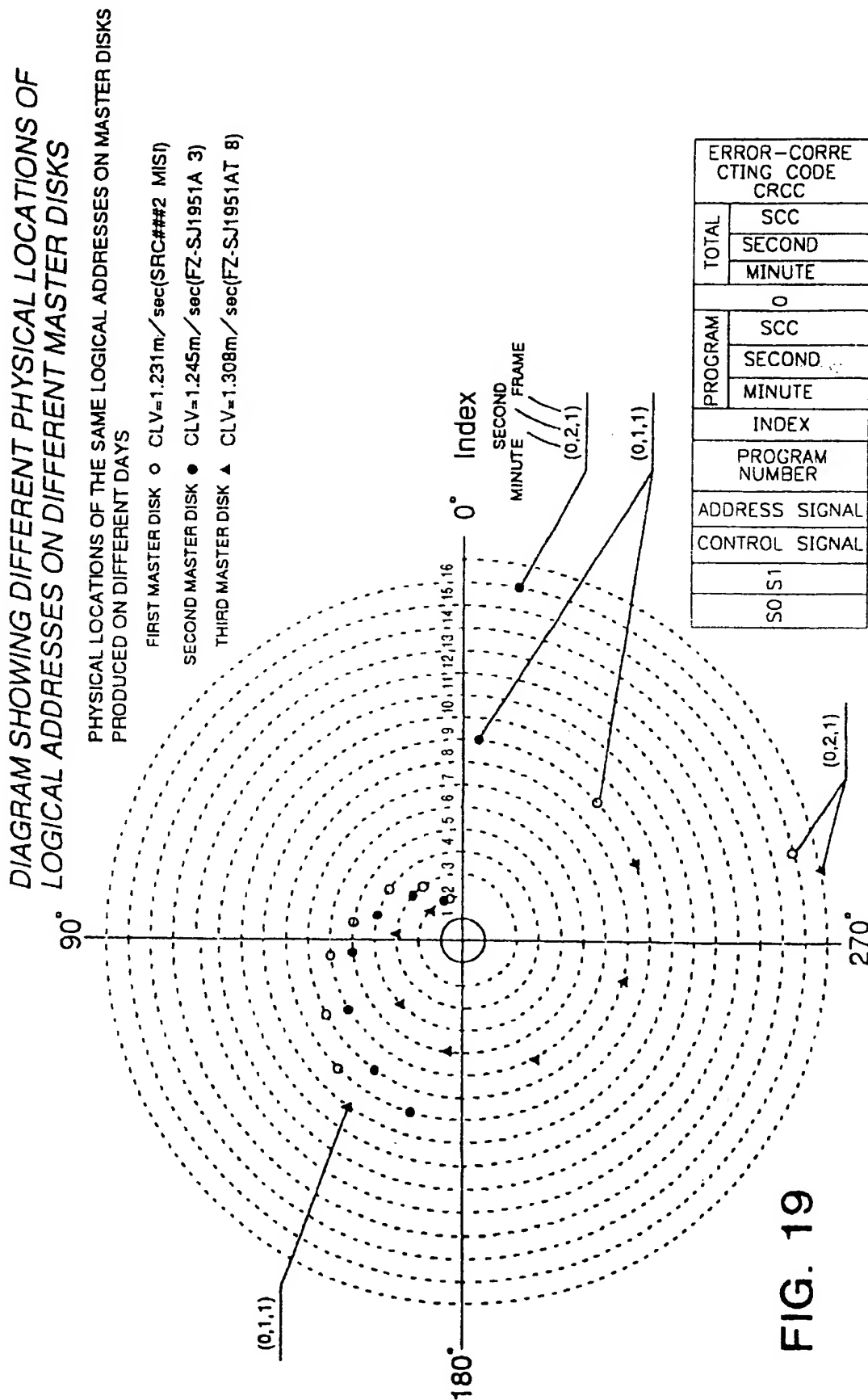


FIG. 18

FIG. 19





303-303

FIG. 21

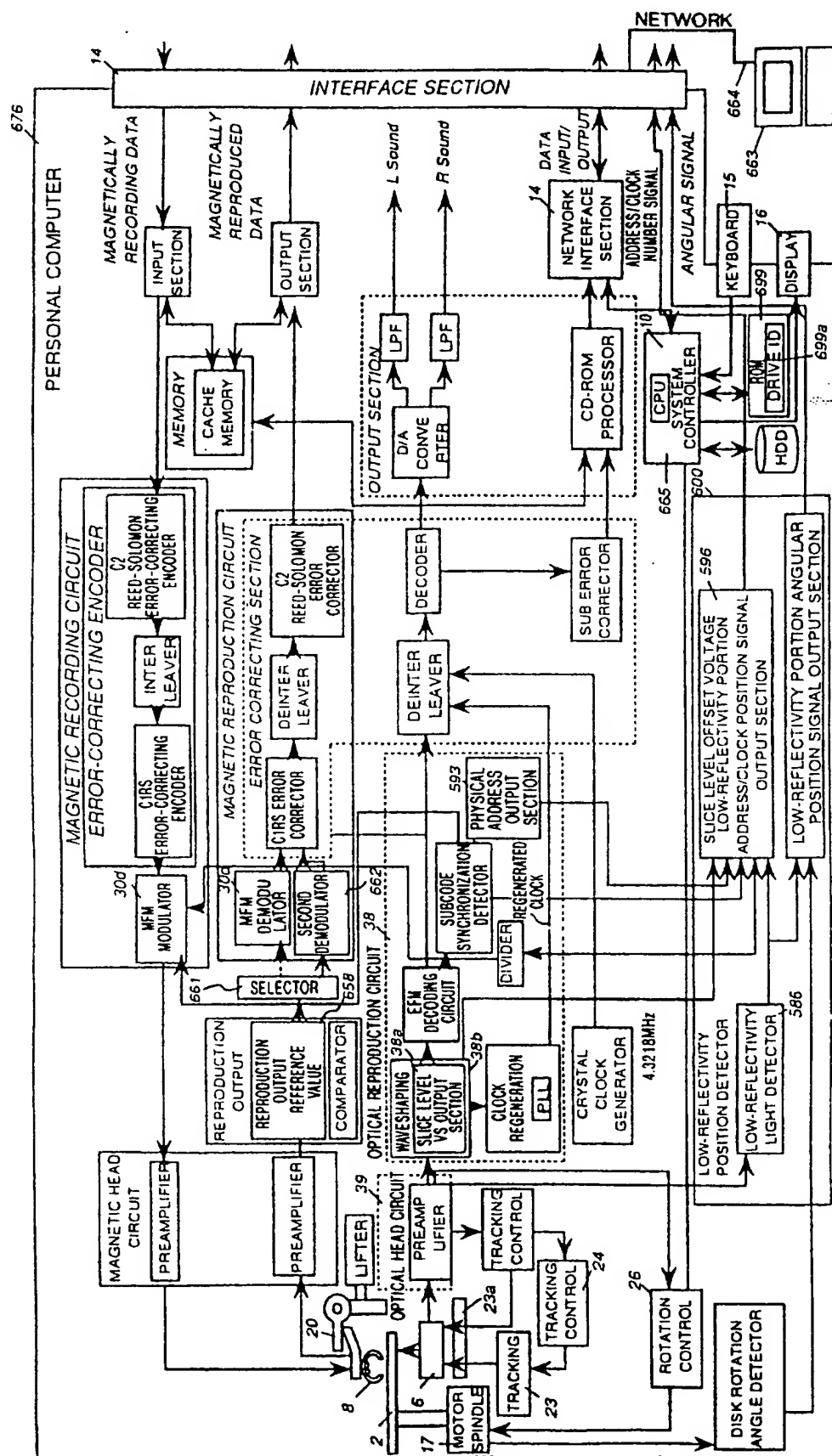
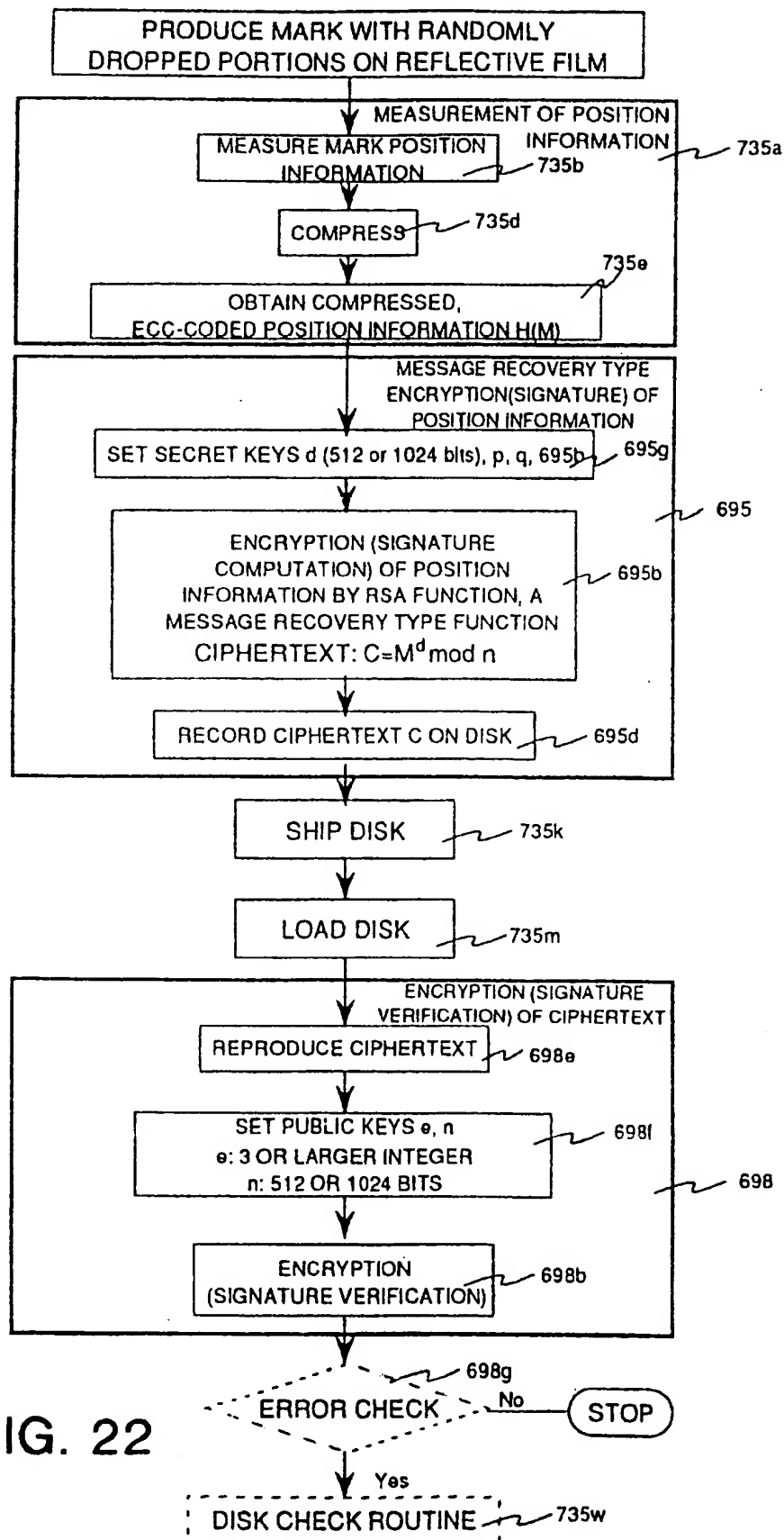


FIG. 21



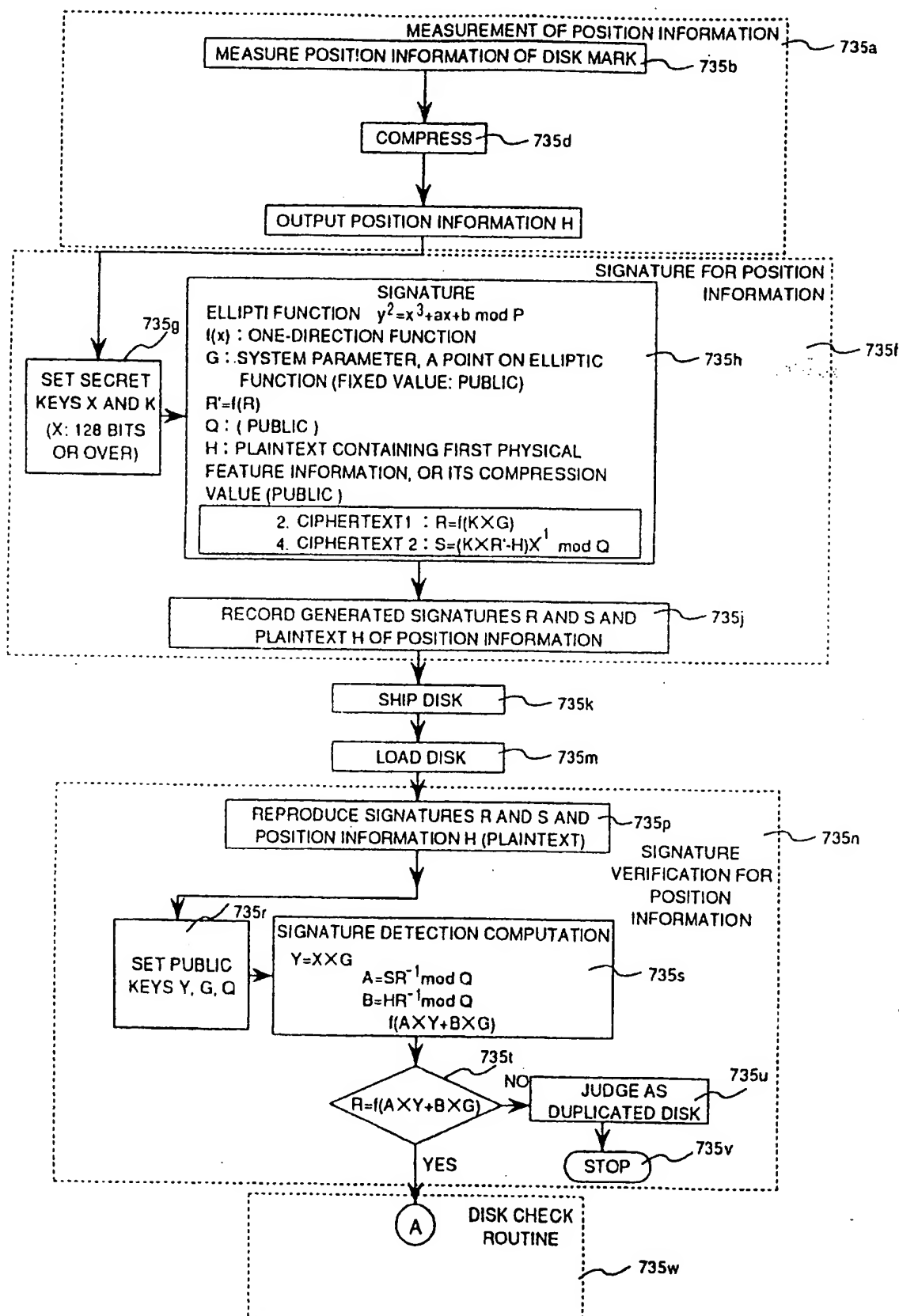


FIG. 23

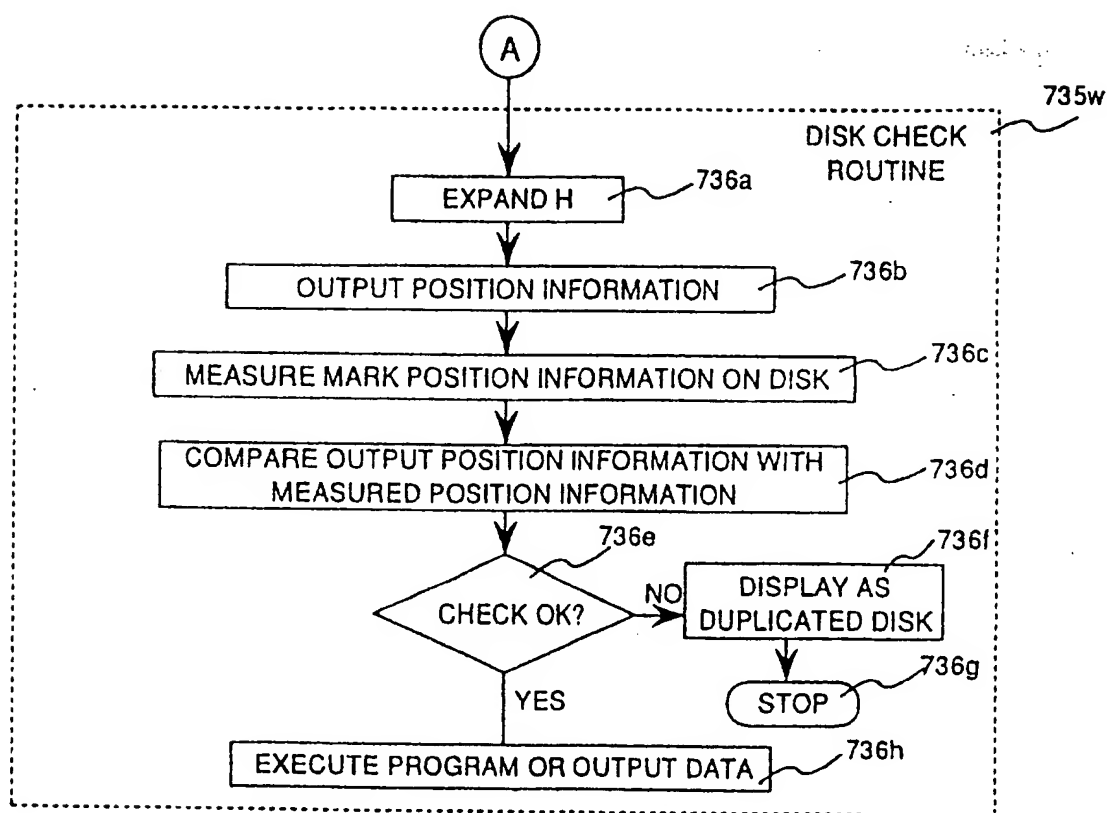


FIG. 24

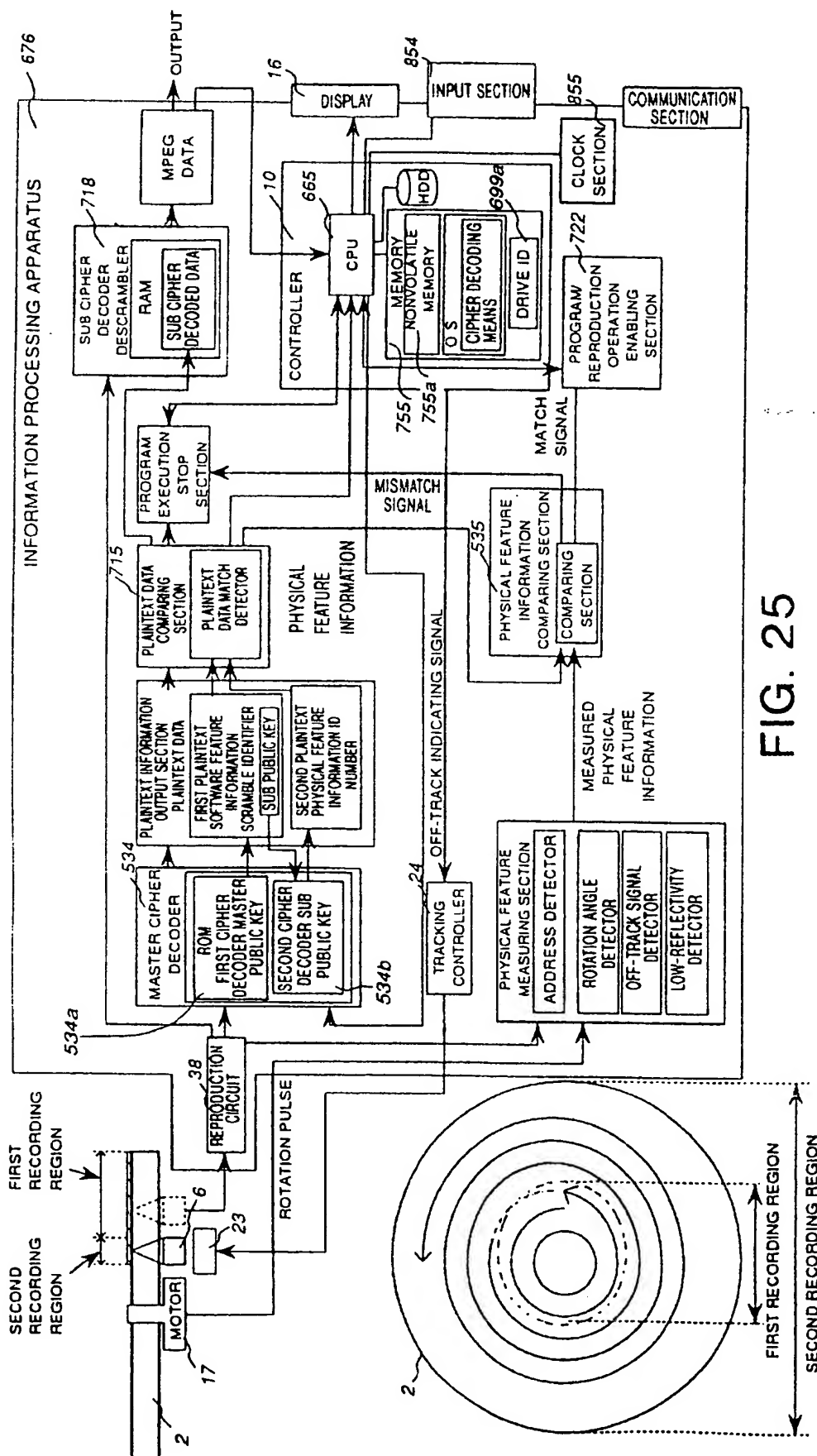


FIG. 25

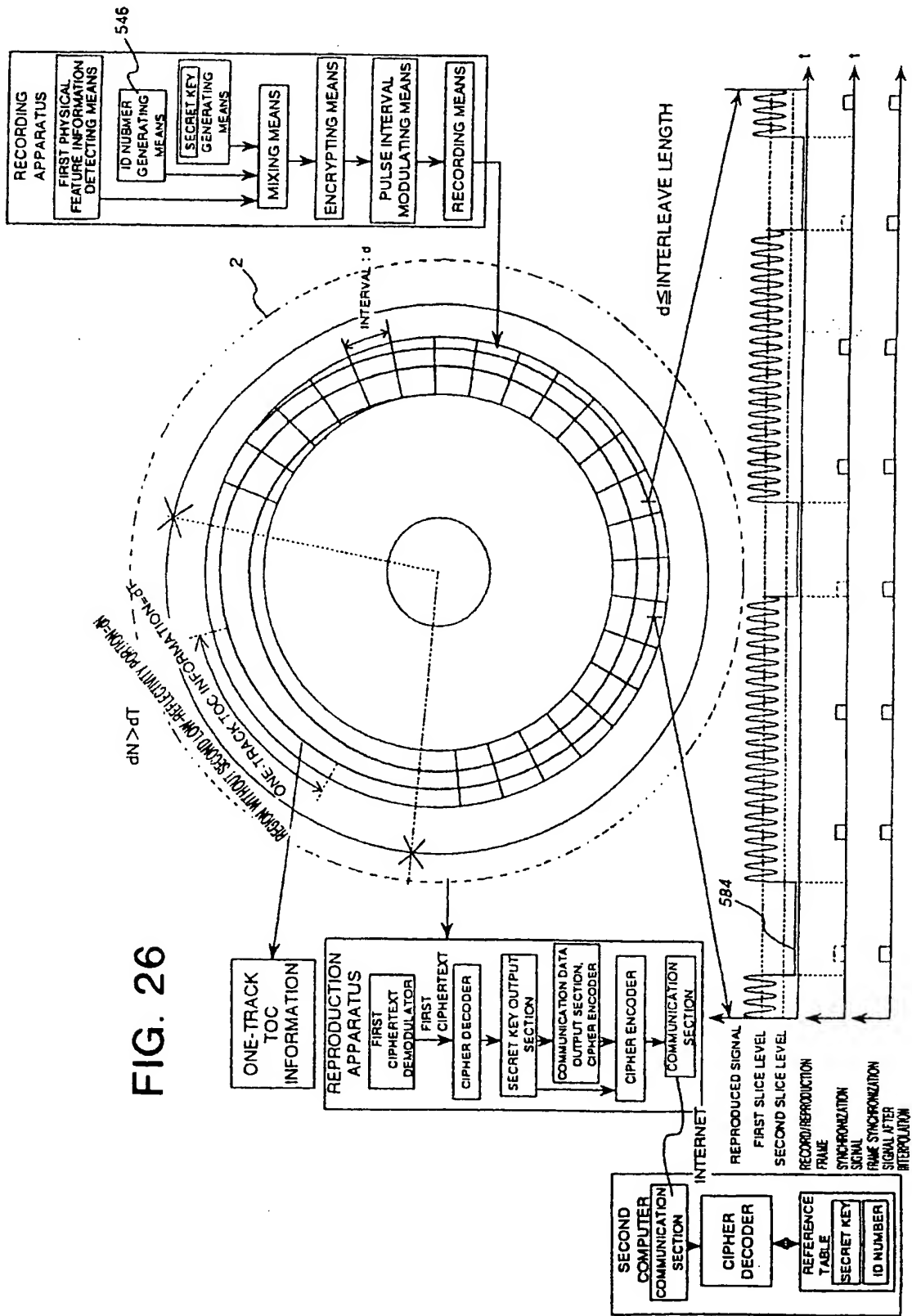


FIG. 27

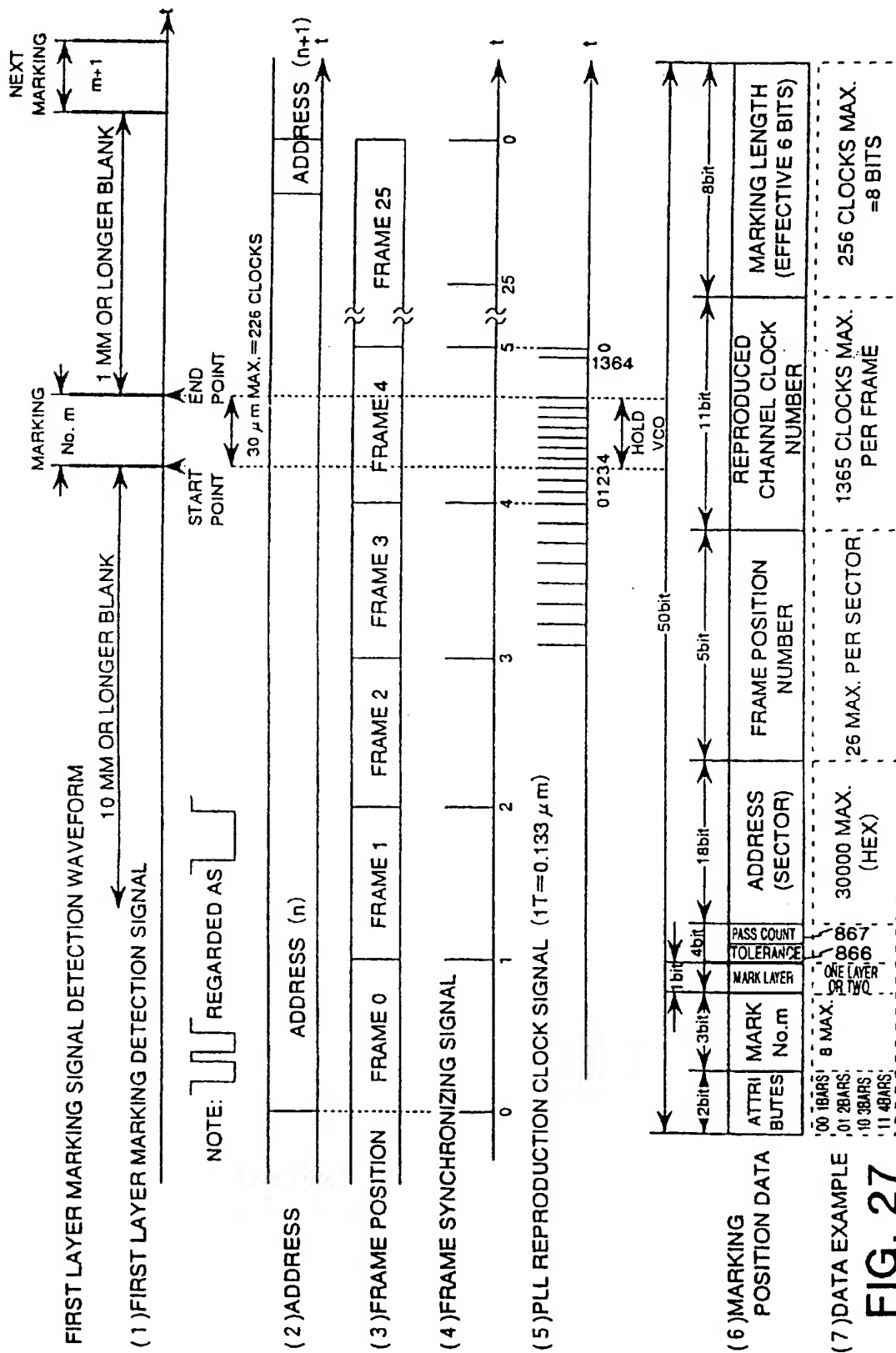
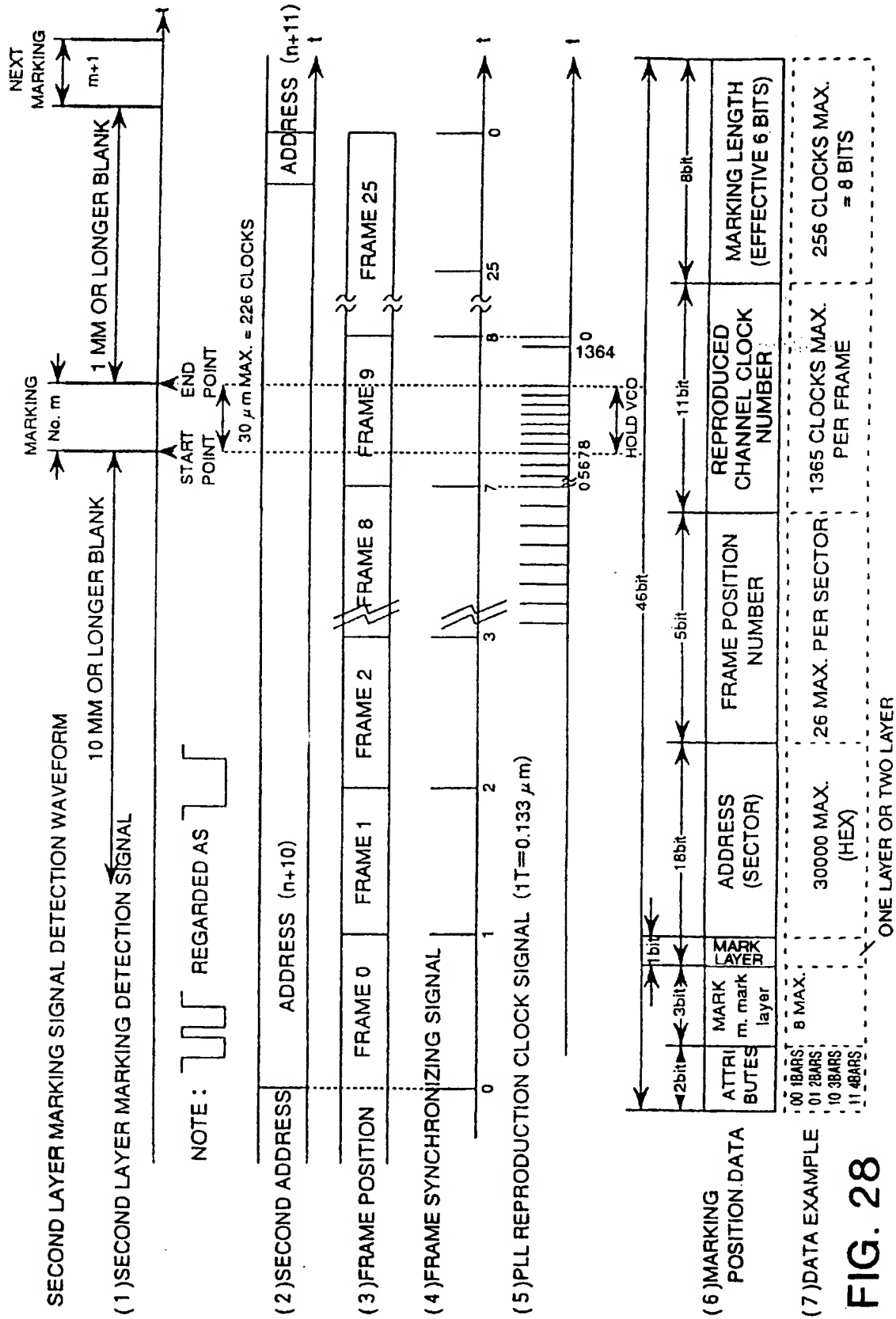


FIG. 28



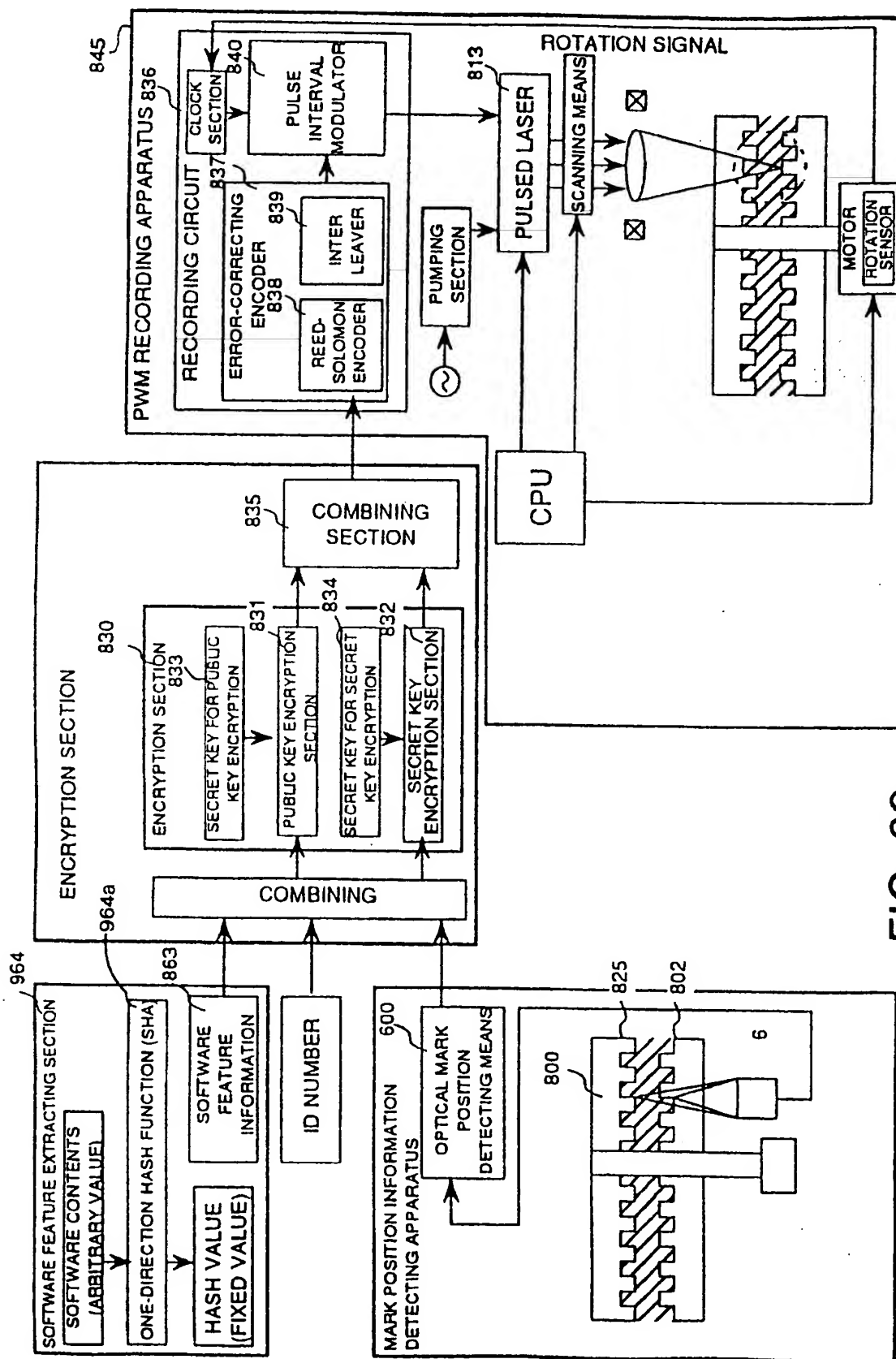


FIG. 29

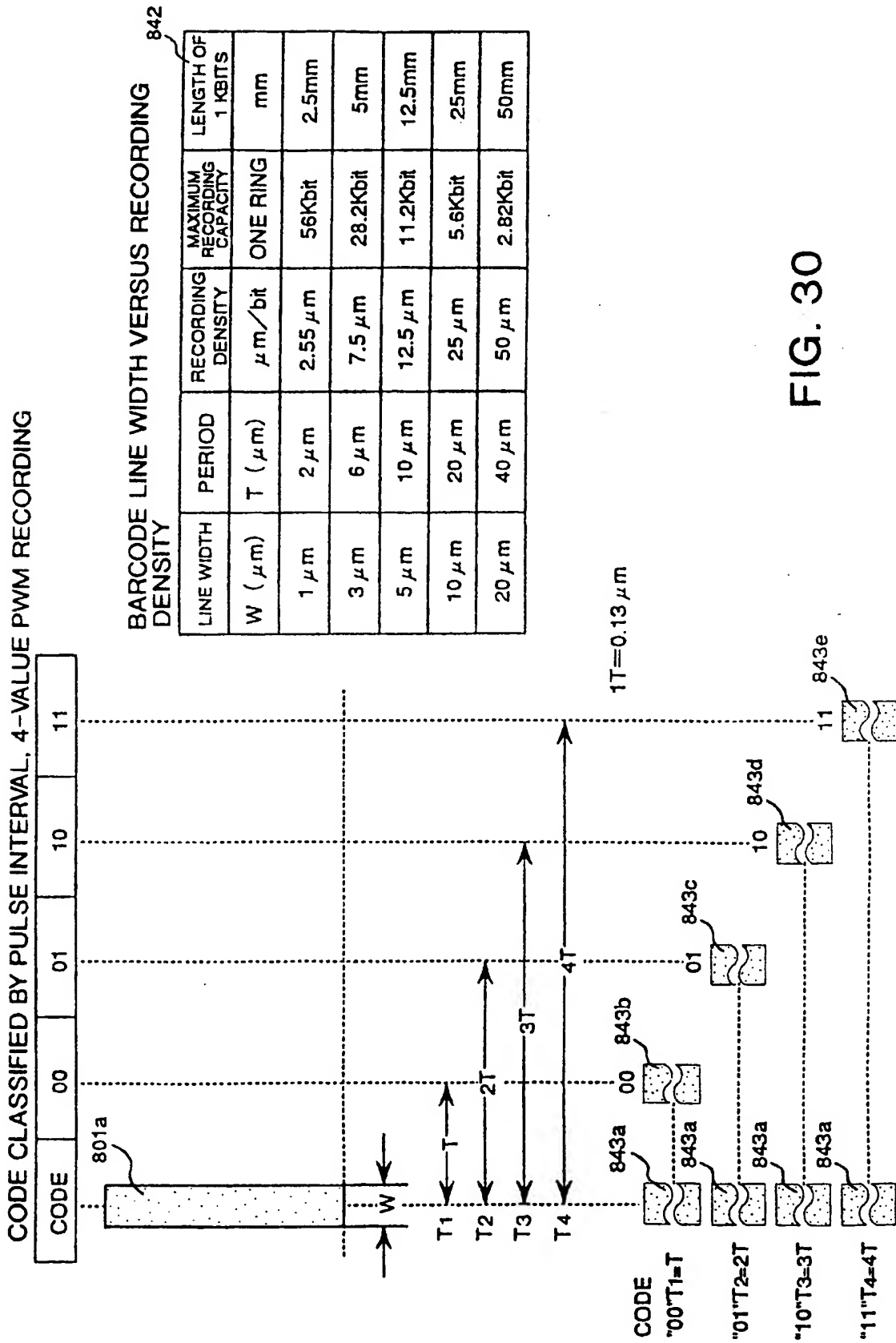


FIG. 31

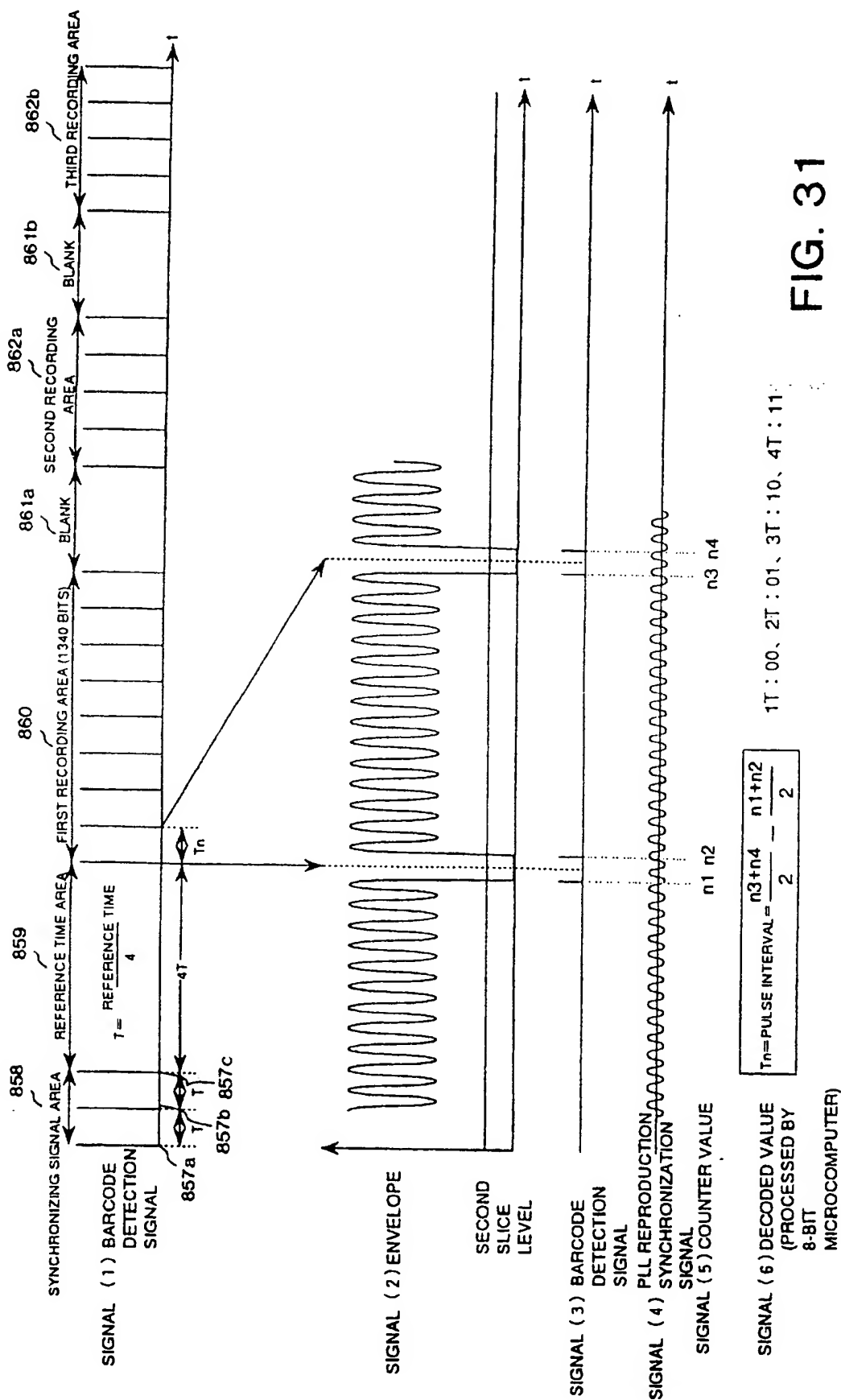


FIG. 31

The diagram illustrates a video recording system architecture, showing the flow of data from input information to the recording section and the software feature extracting section.

Input Information:

- BARCODE RECORD INFORMATION:** 100 μ m OR LONGER.
- BASIC RECORD INFORMATION (1340BIT):**
 - 78BIT: COUNTER MAKER Y CODE
 - 768BIT: USER AREA
 - 32BIT: DISK ID NUMBER (PLAINTEXT)
 - 7BIT: COUNTRY CODE
 - 20BIT: SECOND USER AREA PASSWORD
 - 20BIT: FIRST ADDITIONAL RECORD INFORMATION
 - 20BIT: SECOND ADDITIONAL RECORD INFORMATION
 - 20BIT: THIRD USER AREA PASSWORD
- ENCIPHERED POSITION INFORMATION (SECOND CIPHERTEXT):**
 - 512BIT: PUBLIC KEY CIPHER
 - 256BIT: SECRET KEY CIPHER

Processing Blocks:

- 866a:** MASTER SECRET KEY FOR PUBLIC KEY ENCRYPTION
- 866b:** FIRST DIGITAL SIGNATURE GENERATOR
- 866c:** SECRET KEY FOR SECRET KEY ENCRYPTION
- 866d:** ENCRYPT
- 866e:** RECORD ON MASTER DISK
- 867:** RECORDING SECTION (represented by a disk icon)
- 863:** SOFTWARE FEATURE EXTRACTING SECTION
- 864:** ONE-DIRECTION HASH FUNCTION
- 865:** COMPRESSED INFORMATION OF TOC, MPEG PARAMETERS
- 866:** SUB SECRET KEY FOR PUBLIC KEY ENCRYPTION
- 868:** POSITION INFORMATION OF DISK PHYSICAL MARK
- 869:** DISK ID
- 876:** SUB SECRET KEY FOR PUBLIC KEY ENCRYPTION
- 877:** ENCRYPT
- 878:** SECRET KEY FOR SECRET KEY ENCRYPTION
- 879:** POSITION INFORMATION OF DISK PHYSICAL MARK

Data Flow and Connections:

- The **BARCODE RECORD INFORMATION** and **BASIC RECORD INFORMATION** are processed by the **866a** block.
- The **ENCIPHERED POSITION INFORMATION** is processed by the **866b** block.
- The output of **866a** is the **MASTER SECRET KEY FOR PUBLIC KEY ENCRYPTION**.
- The output of **866b** is the **FIRST DIGITAL SIGNATURE GENERATOR**.
- The output of **866c** is the **SECRET KEY FOR SECRET KEY ENCRYPTION**.
- The output of **866d** is the **ENCRYPT** block.
- The output of **866e** is the **RECORD ON MASTER DISK**.
- The output of **867** is the **RECORDING SECTION**.
- The output of **863** is the **SOFTWARE FEATURE EXTRACTING SECTION**.
- The output of **864** is the **ONE-DIRECTION HASH FUNCTION**.
- The output of **865** is the **COMPRESSED INFORMATION OF TOC, MPEG PARAMETERS**.
- The output of **866** is the **SUB SECRET KEY FOR PUBLIC KEY ENCRYPTION**.
- The output of **868** is the **POSITION INFORMATION OF DISK PHYSICAL MARK**.
- The output of **869** is the **DISK ID**.
- The output of **876** is the **SUB SECRET KEY FOR PUBLIC KEY ENCRYPTION**.
- The output of **877** is the **ENCRYPT** block.
- The output of **878** is the **SECRET KEY FOR SECRET KEY ENCRYPTION**.
- The output of **879** is the **POSITION INFORMATION OF DISK PHYSICAL MARK**.

Final Output:

- INITIAL SCREEN**
- MPEG IMAGE COMPRESSION PARAMETERS**
- CHAPTER-BY-CHAPTER TIME ORGANIZATION OF VIDEO SOFTWARE**

FIG. 32

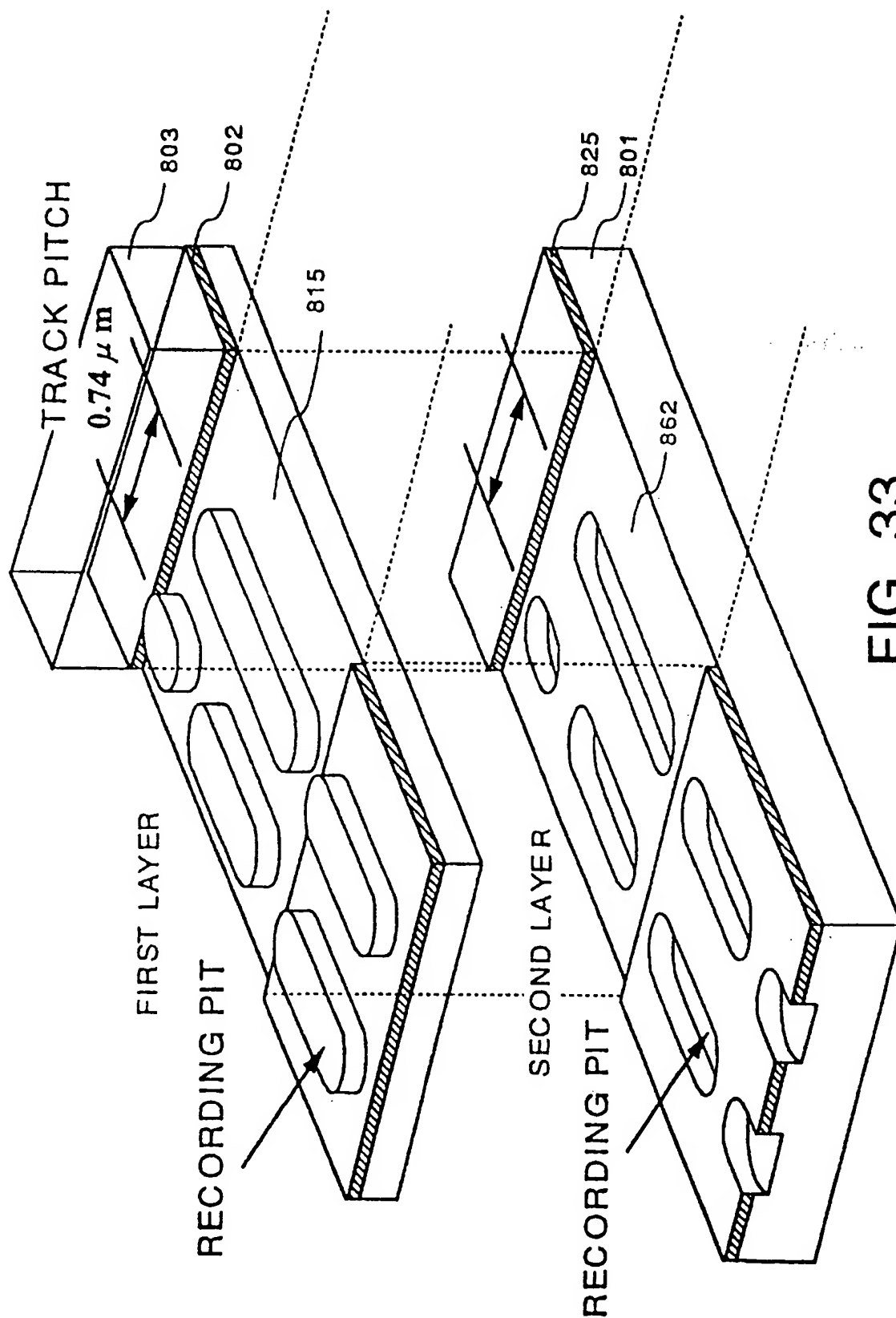


FIG. 33

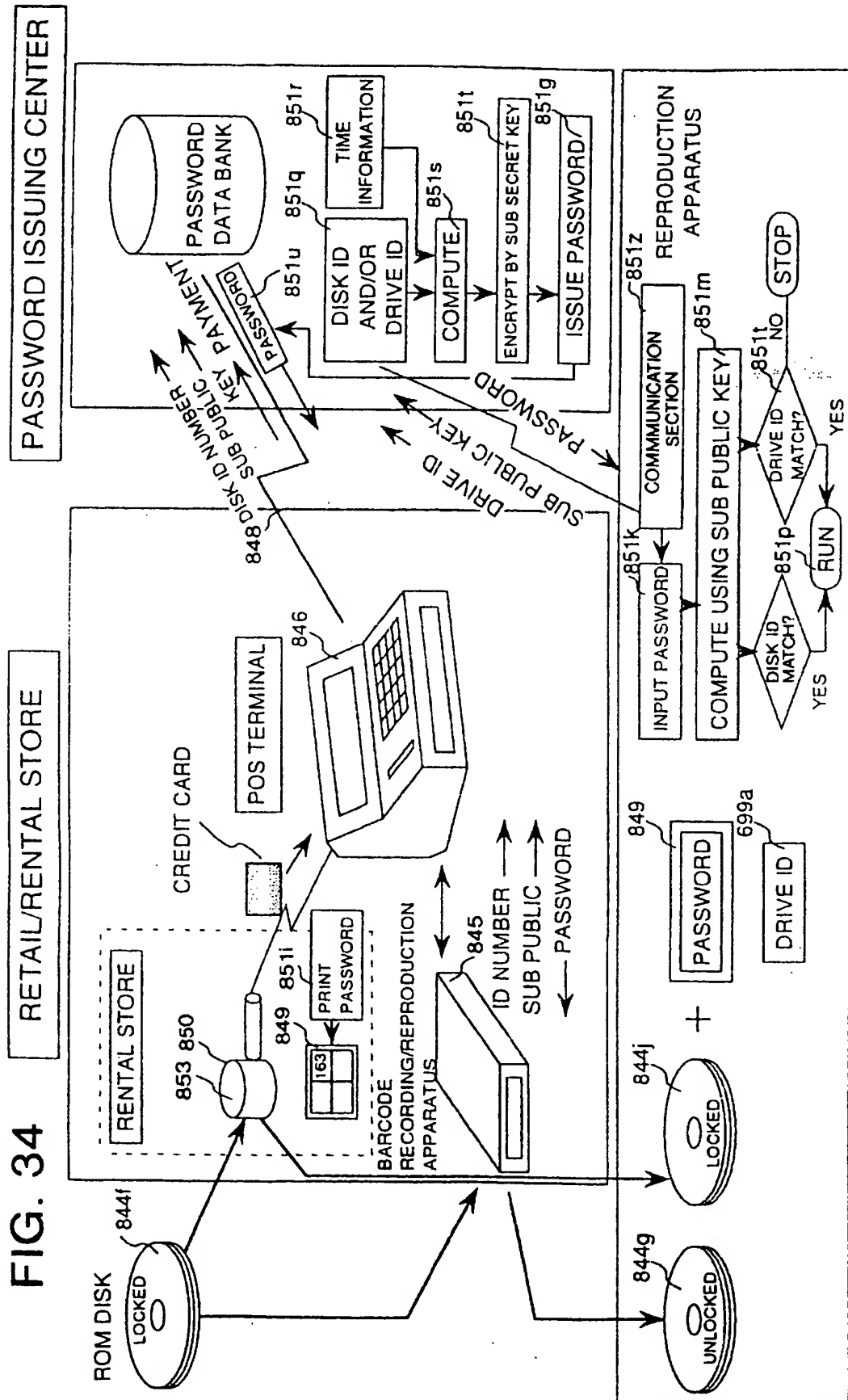


FIG. 35

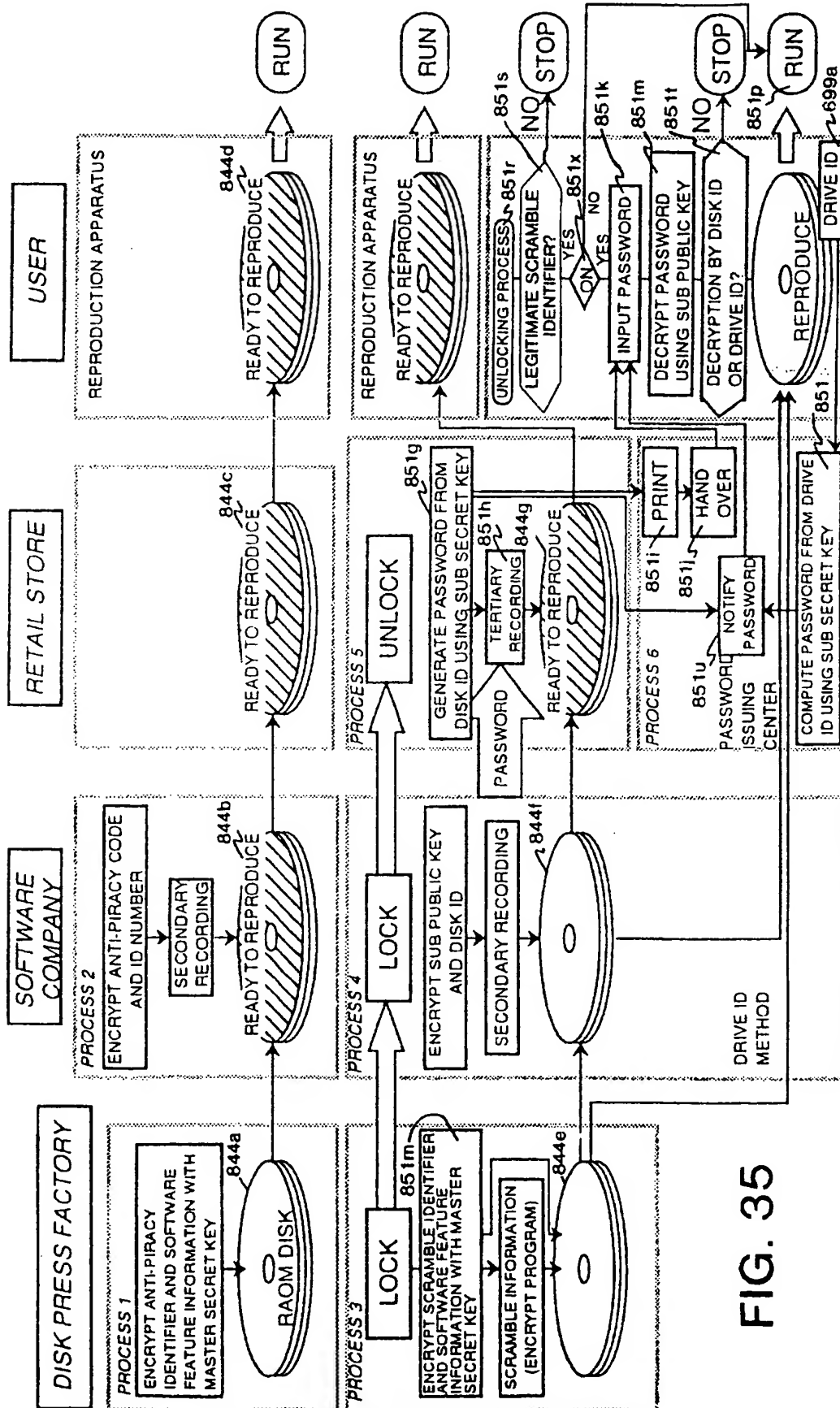


FIG. 35

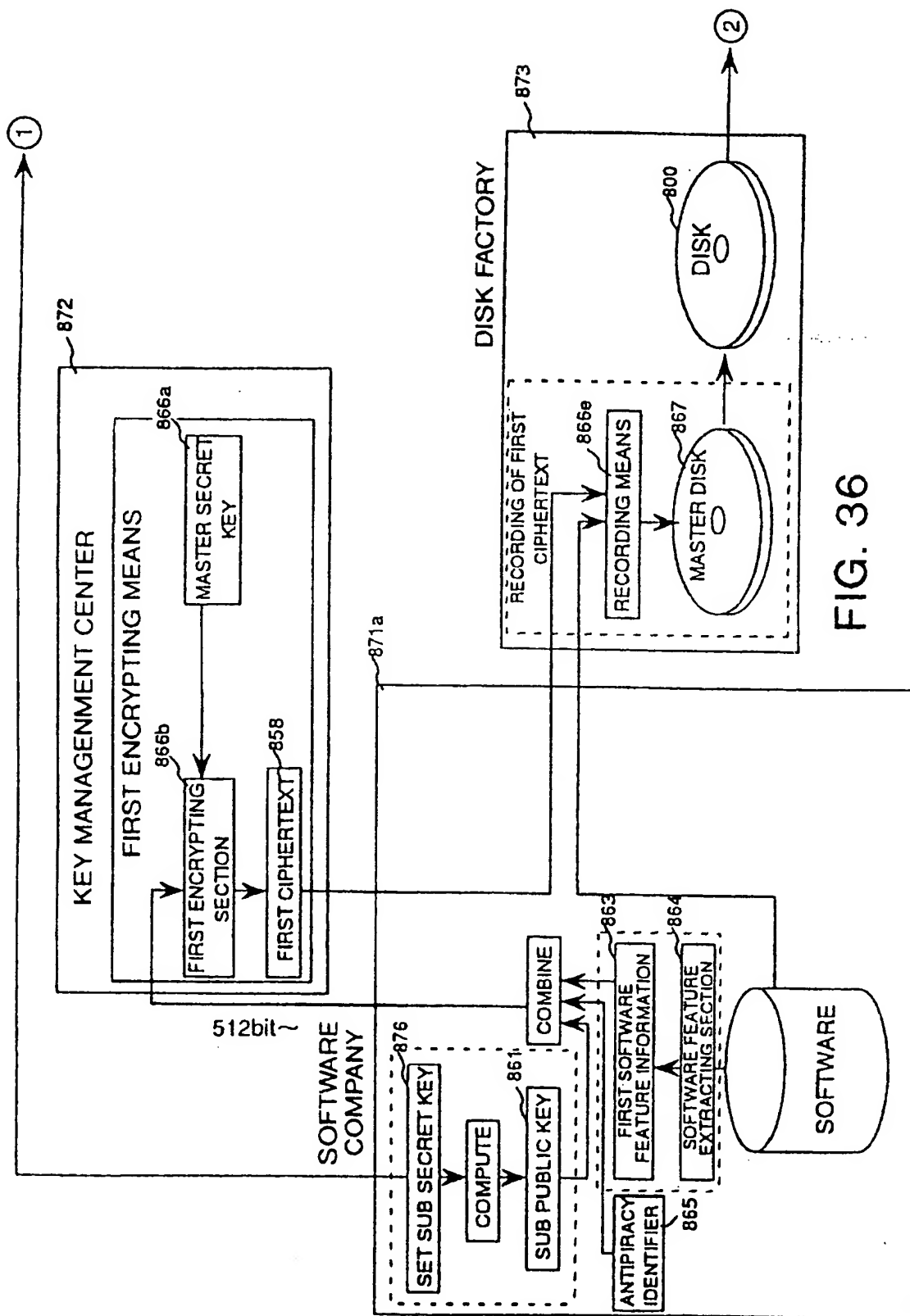


FIG. 36

FIG. 37

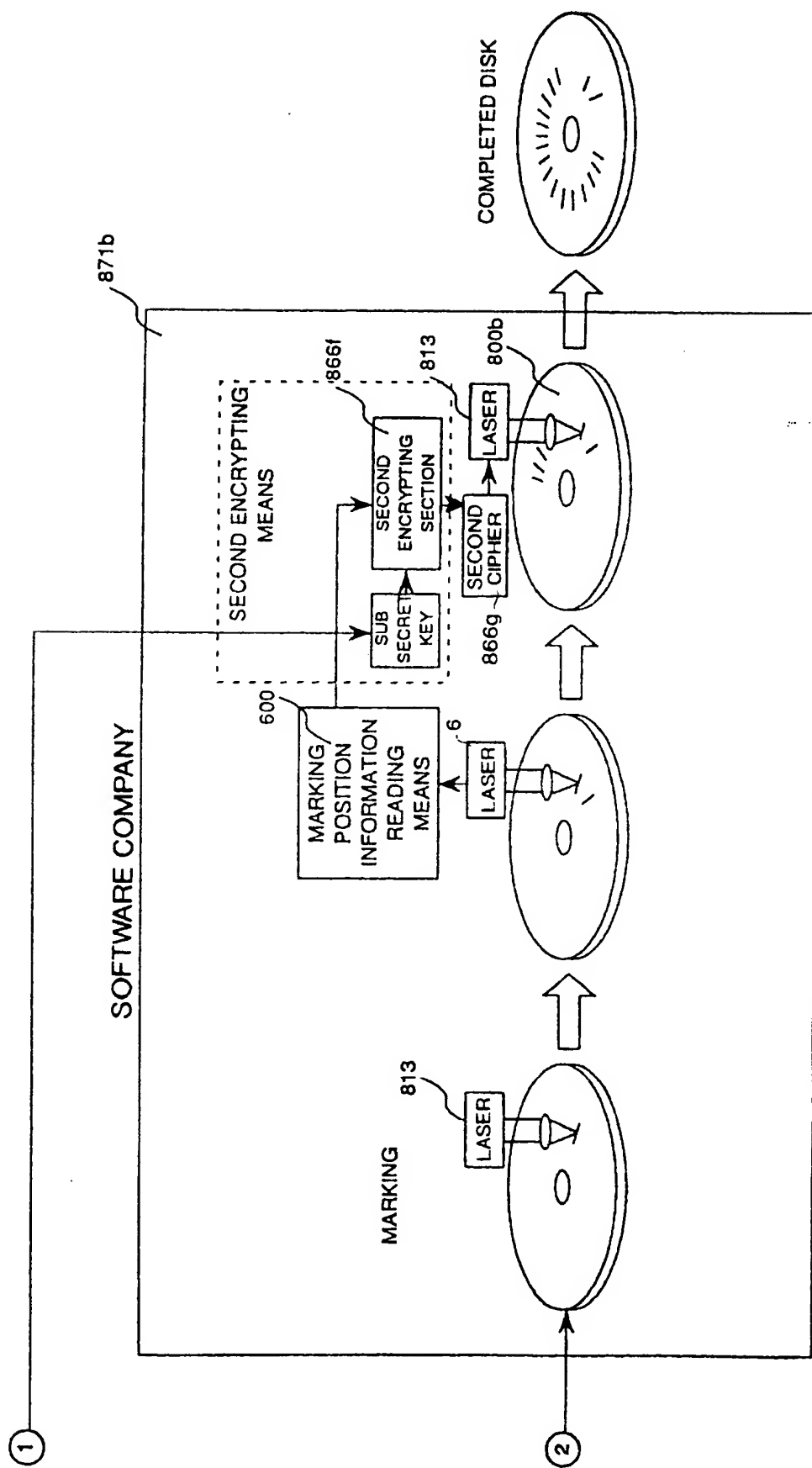


FIG. 37

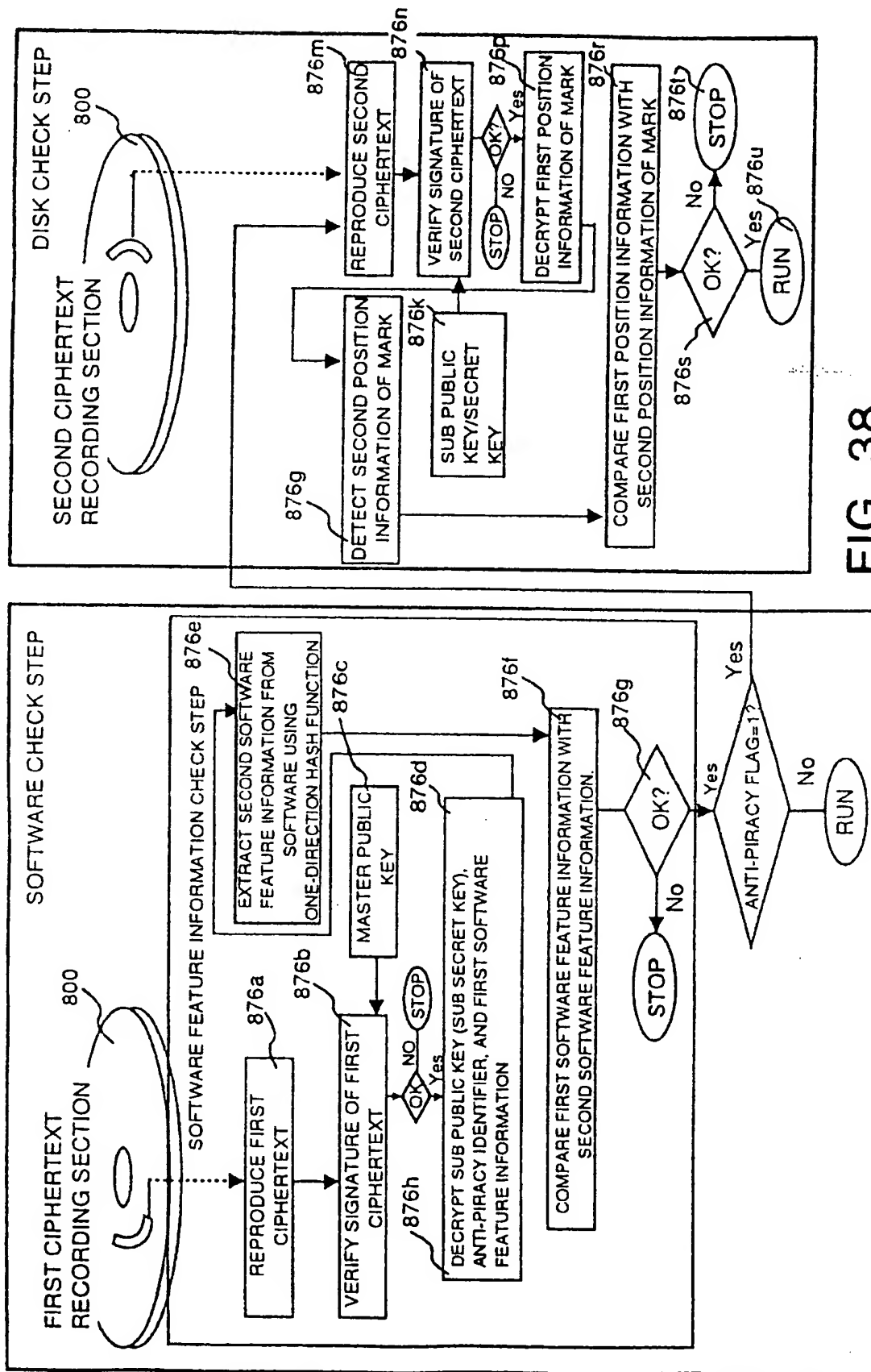
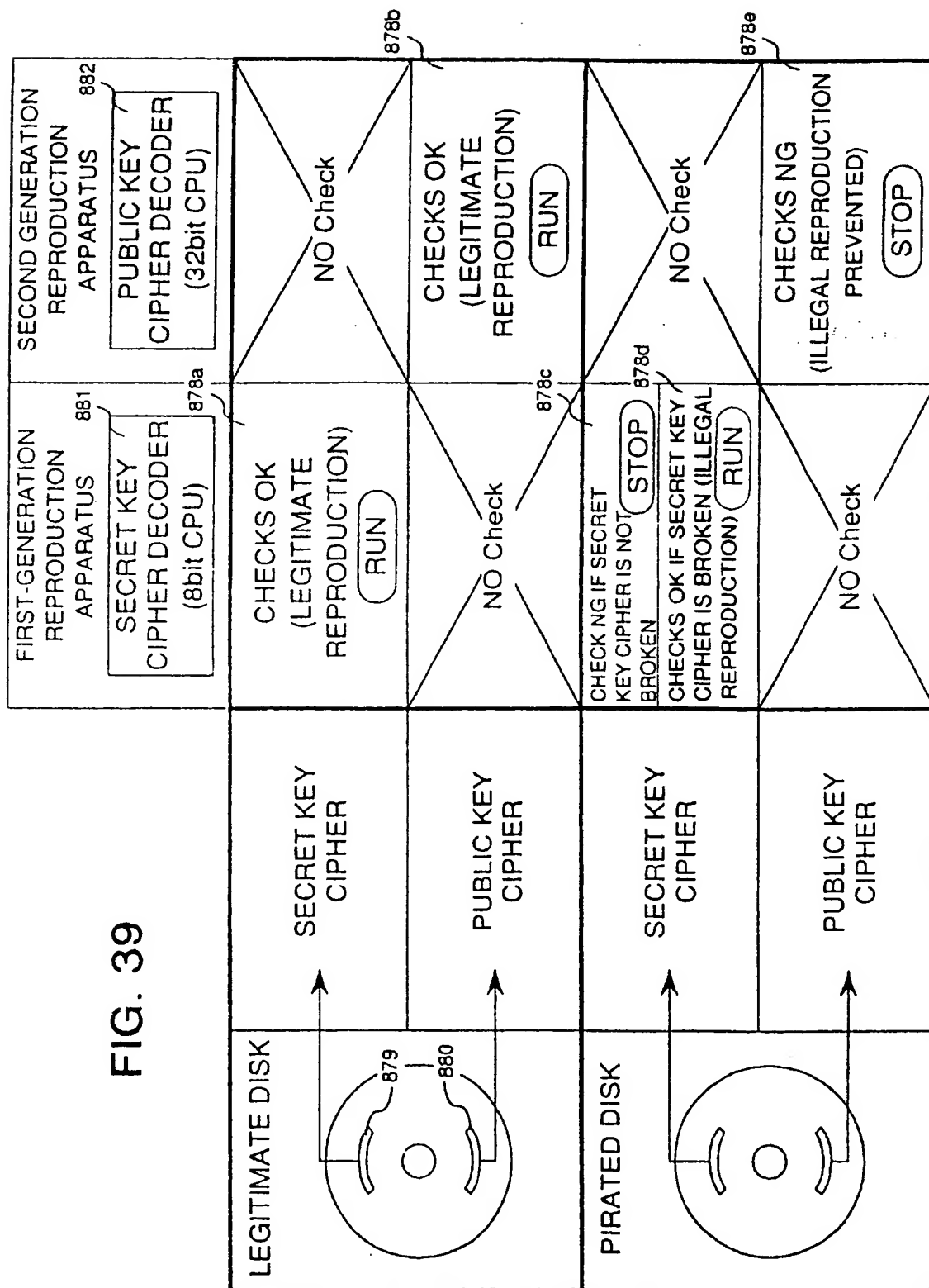


FIG. 38

FIG. 39



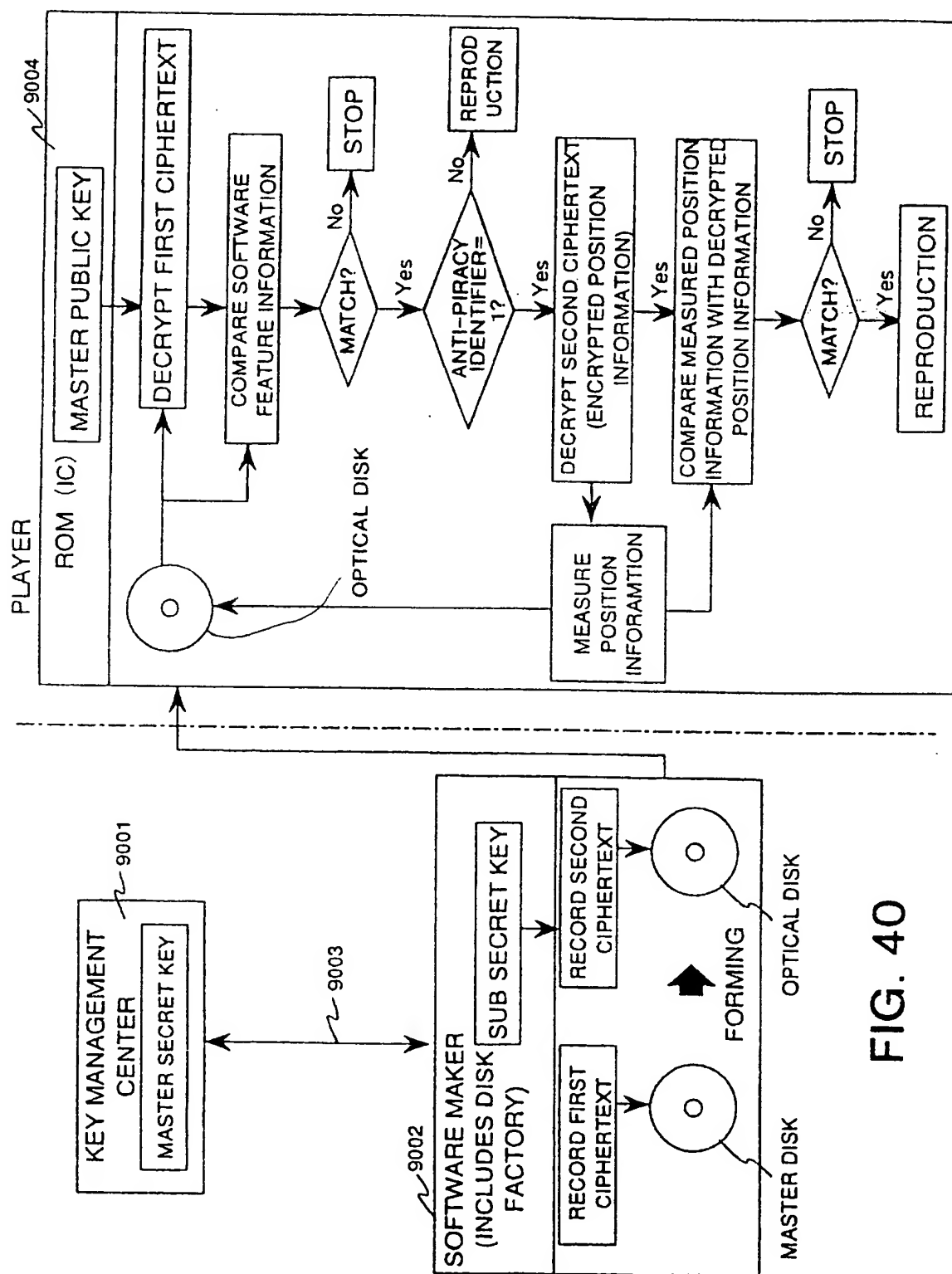


FIG. 40

FIG. 40 "E" FOOT

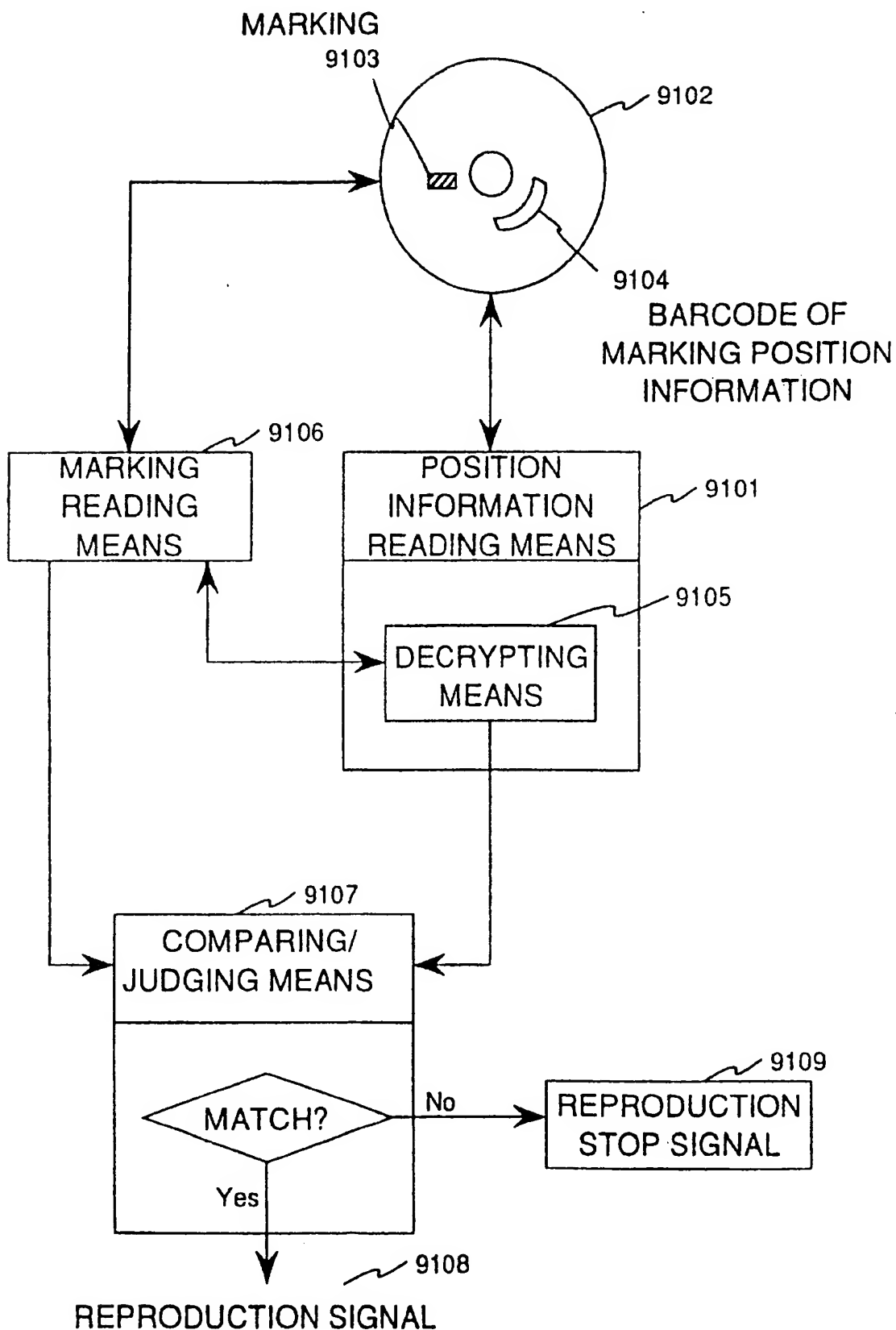


FIG. 41

FIG. 41

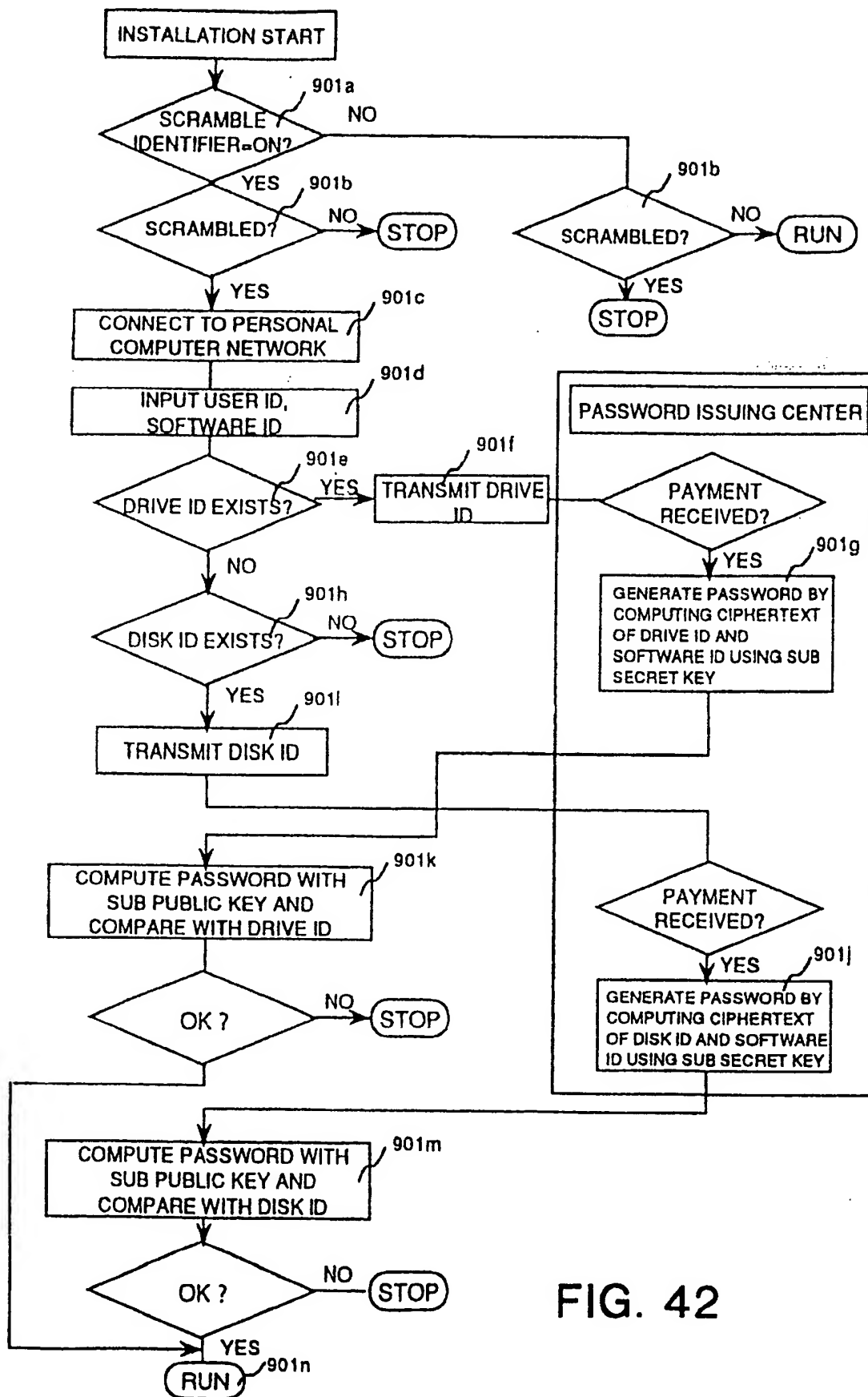


FIG. 42